موضوع الدرس : ..... اليـوم : .....

التـاريـخ : / / ٢٠ م المـوافـق : / / ١٤ هـ

جامعة 21 سبتمبر للعلوم الطبية والتطبيقية

الكلية / الطب البشري

الدفعة / الأولى

المجموعة / B3

القسم / العيون (عملي)

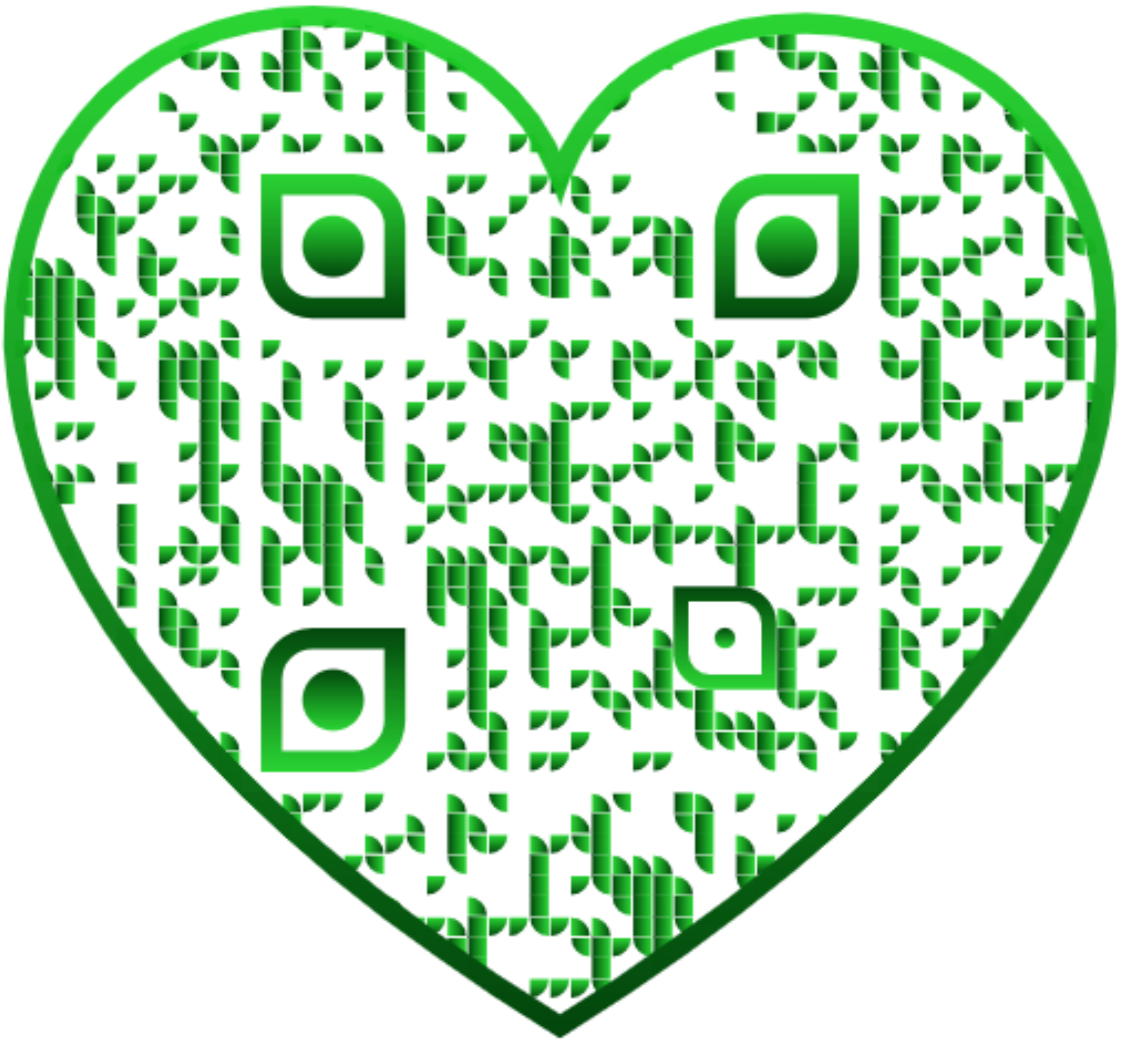
تدوين محاضرة / Lens and Cataract (عملي)

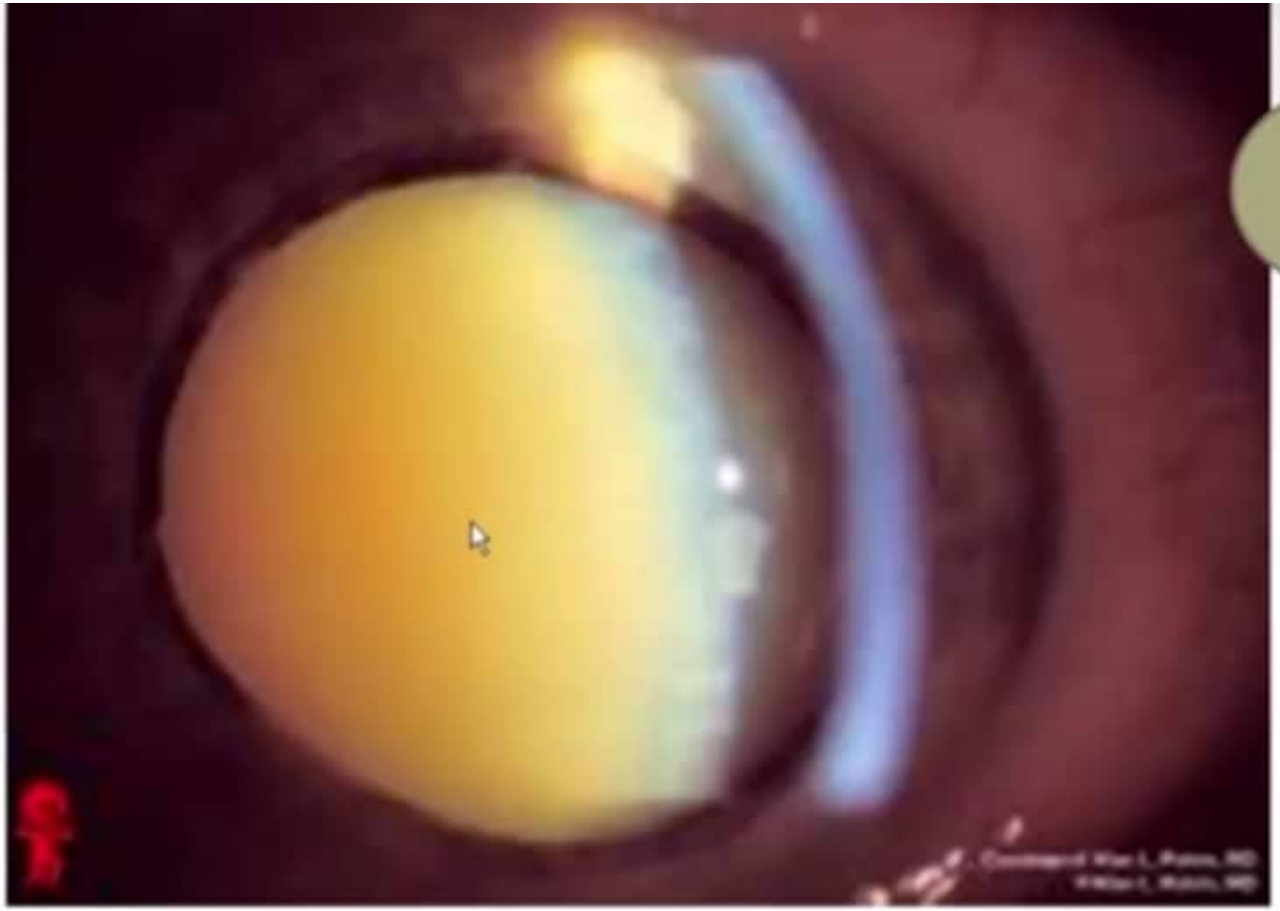
الدكتور / محمد حفيظ

تدوين وإعداد / محمد صالح القضاعي

تنويه / الإجابات نهاية الأسئلة.

الممسوحة ضوئيا بـ CamScanner





1

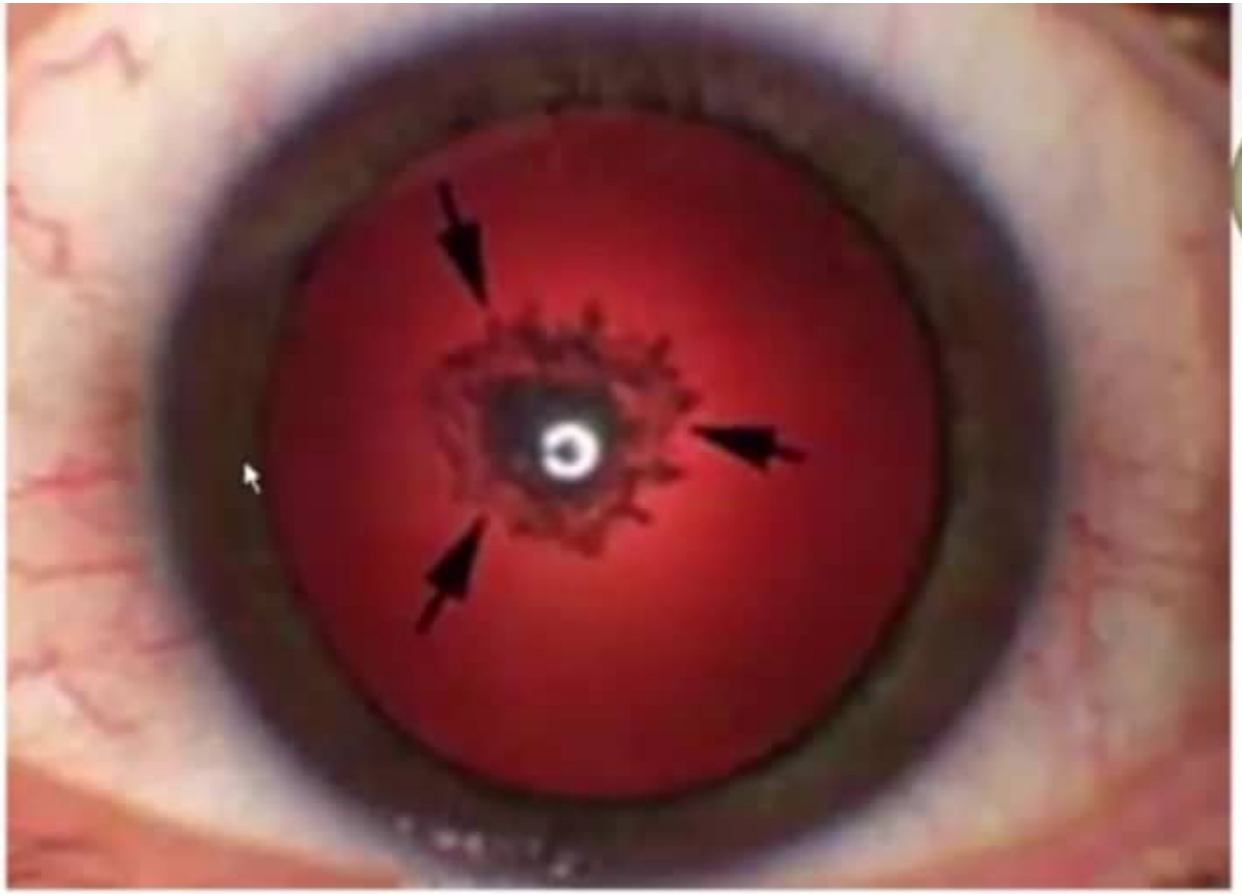
❖Mention few conditions associated with cataract formation?

الممسوحة ضوئيا بـ CamScanner

2

❖What are the causes of cataract in Healthy children ?

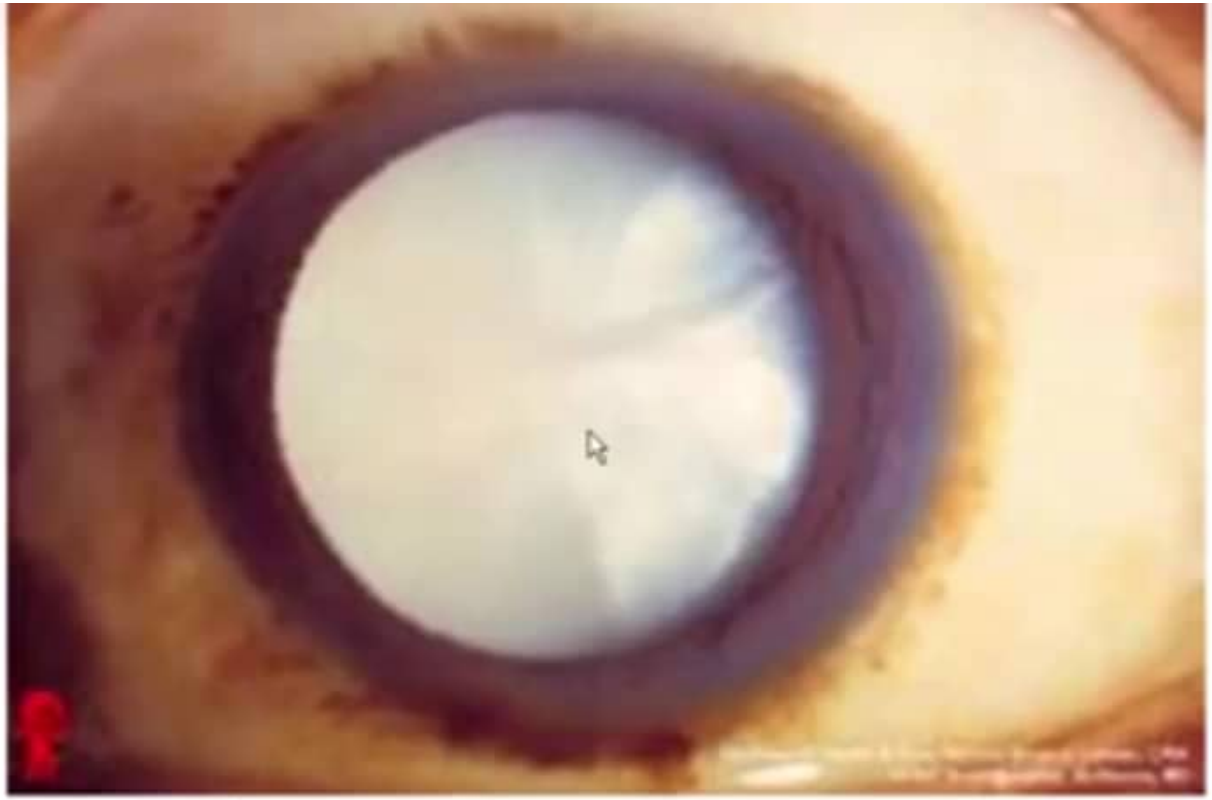
الممسوحة ضوئيا بـ CamScanner



3

❖Causes of PSC ?

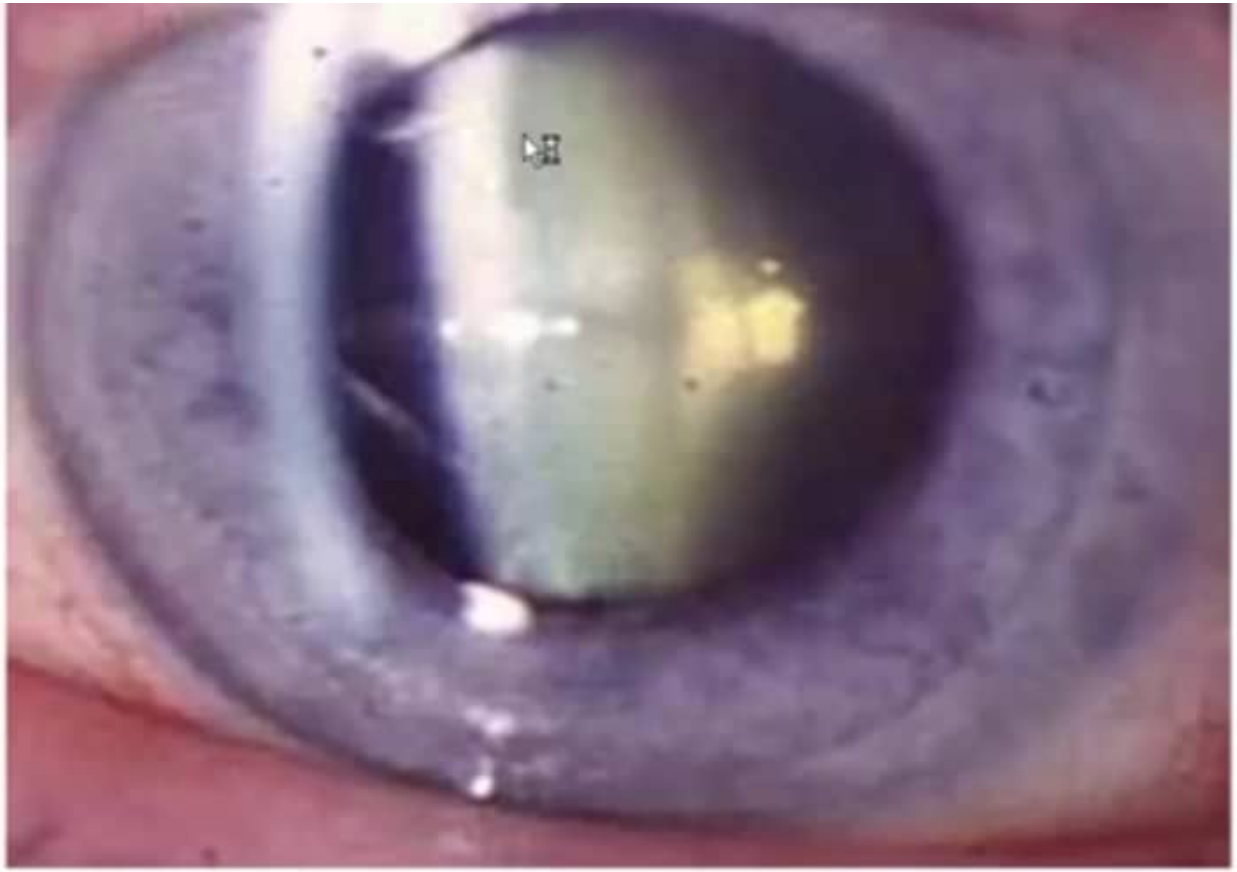
الممسوحة ضوئيا بـ CamScanner



4

❖The best method to decide about the Immaturity and maturity of senile Cataract is……..

الممسوحة ضوئيا بـ CamScanner



5

- In mature cataract how you make sure that the optic nerve is healthy?

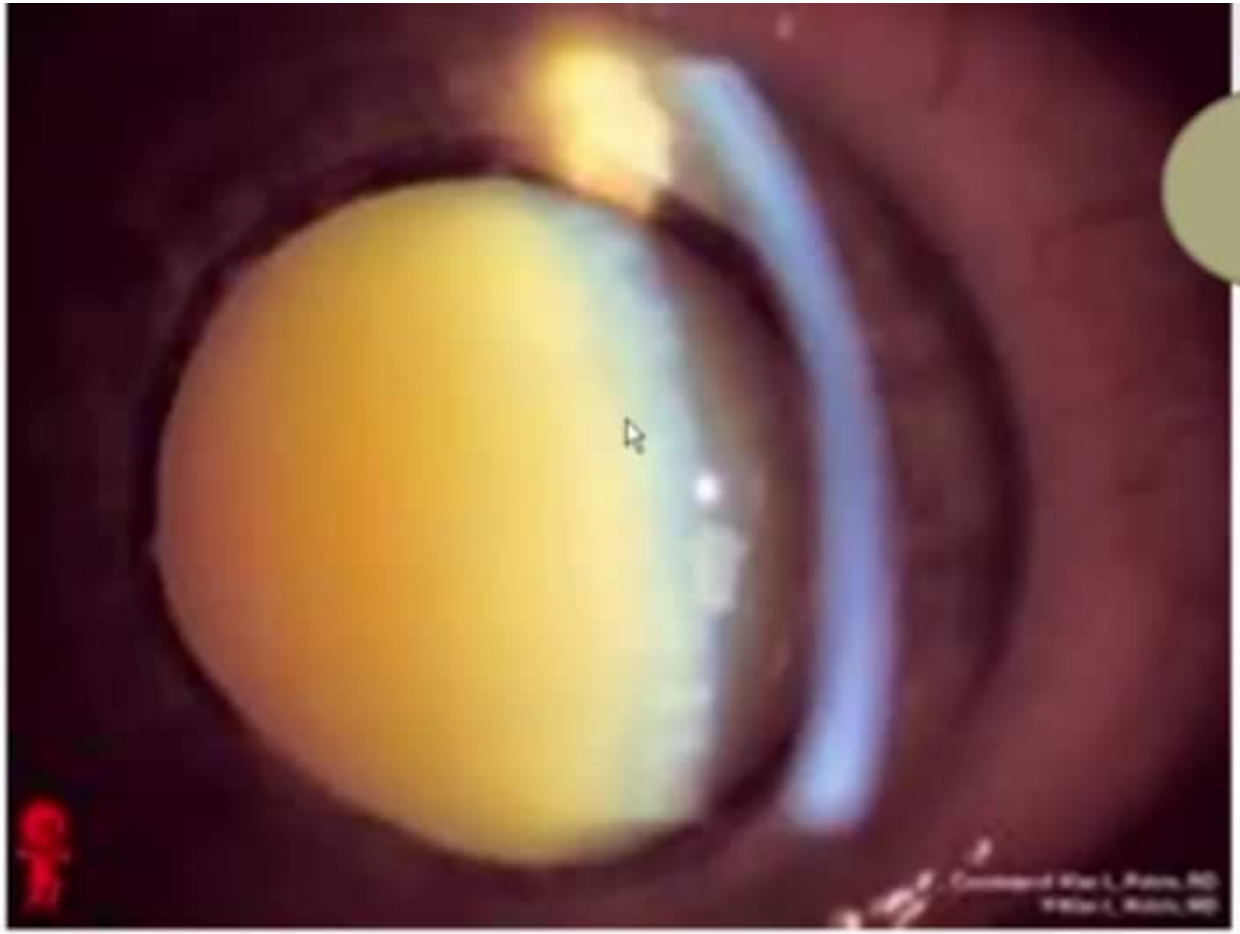
الممسوحة ضوئيا بـ CamScanner

6

The lens can induce glaucoma by different mechanisms.

❖**Mention three of them**

الممسوحة ضوئيا بـ CamScanner



7

❖Phacomorphic glaucoma means……

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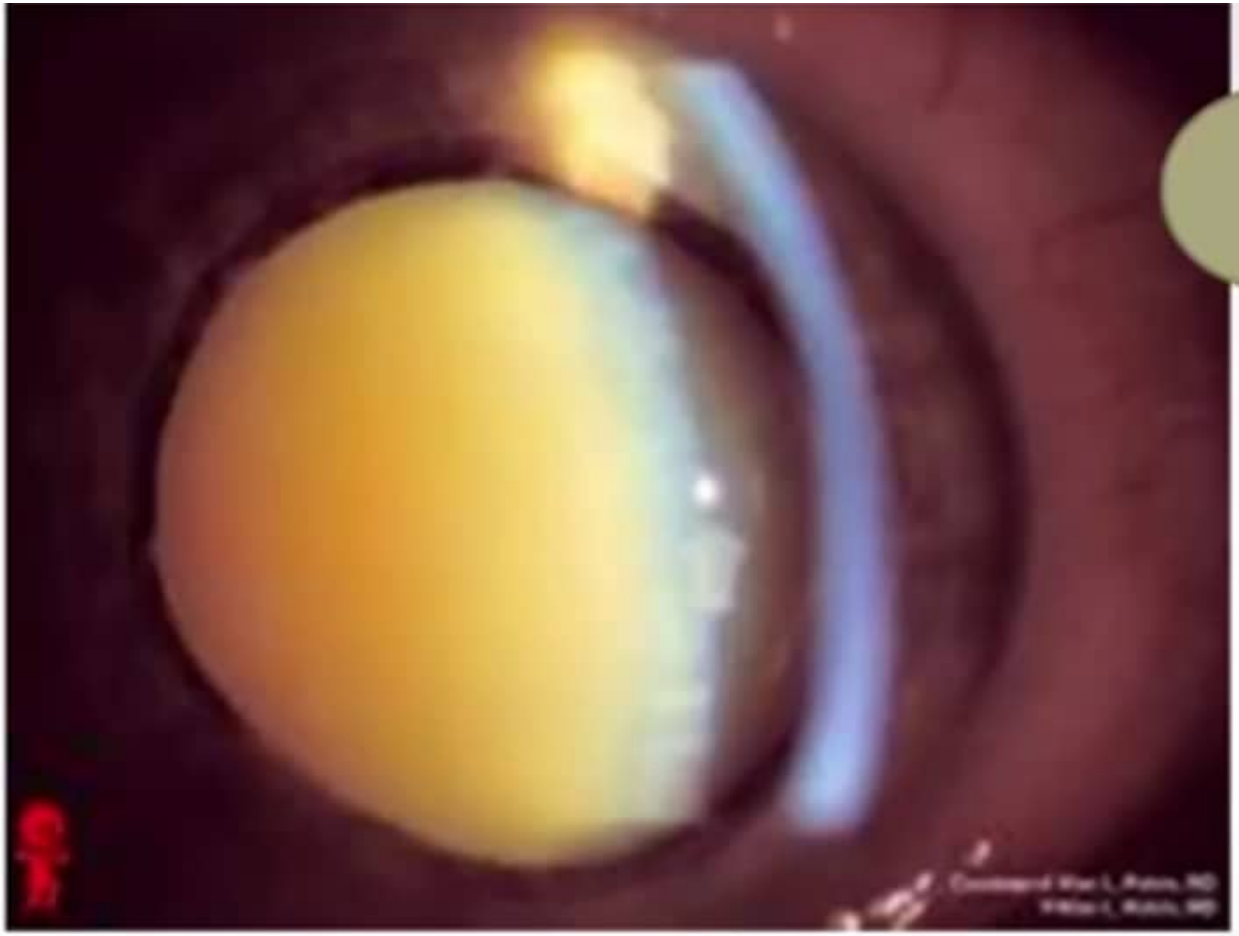


8

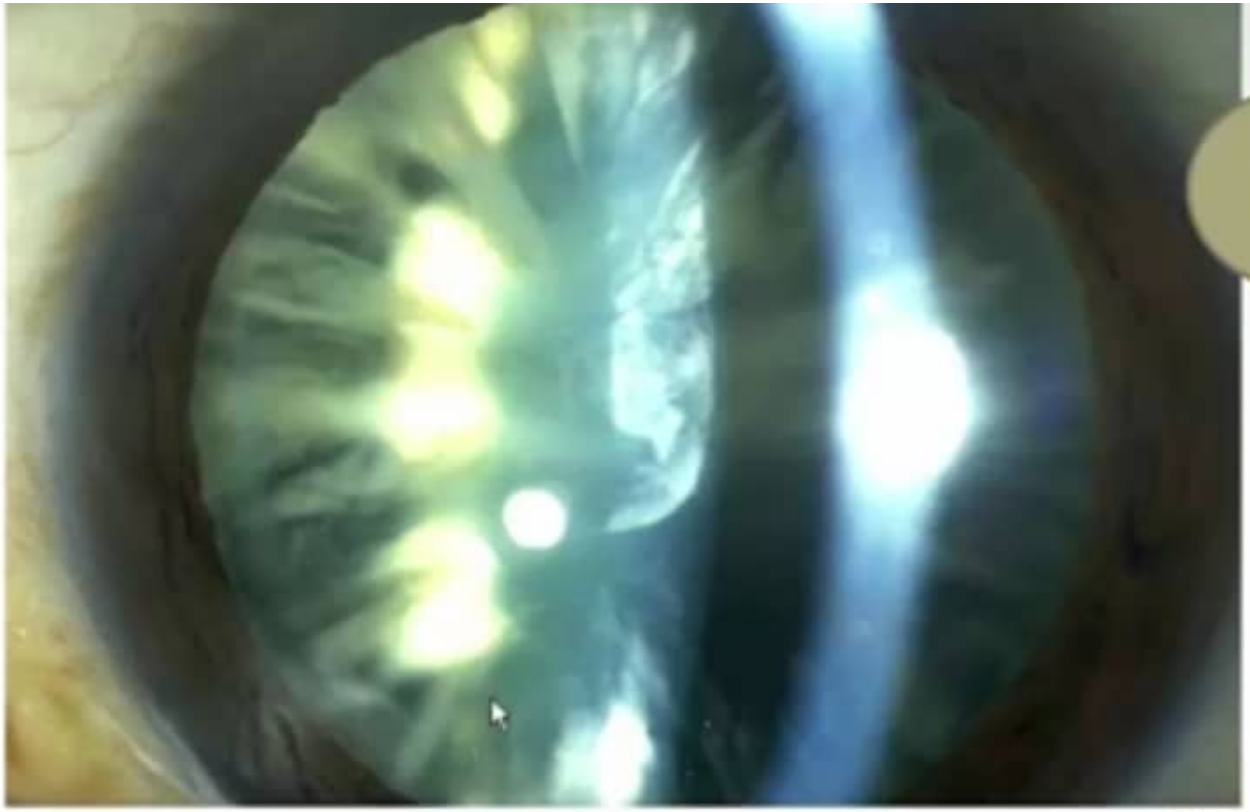
❖Phacolytic glaucoma means……..

الممسوحة ضوئيا بـ CamScanner

9

- What is your diagnosis ?
- If you decide to go for surgery what type ?

الممسوحة ضوئيا بـ CamScanner



10

- Mention 2 findings?
- What are the types of operations that can be done for such disease?

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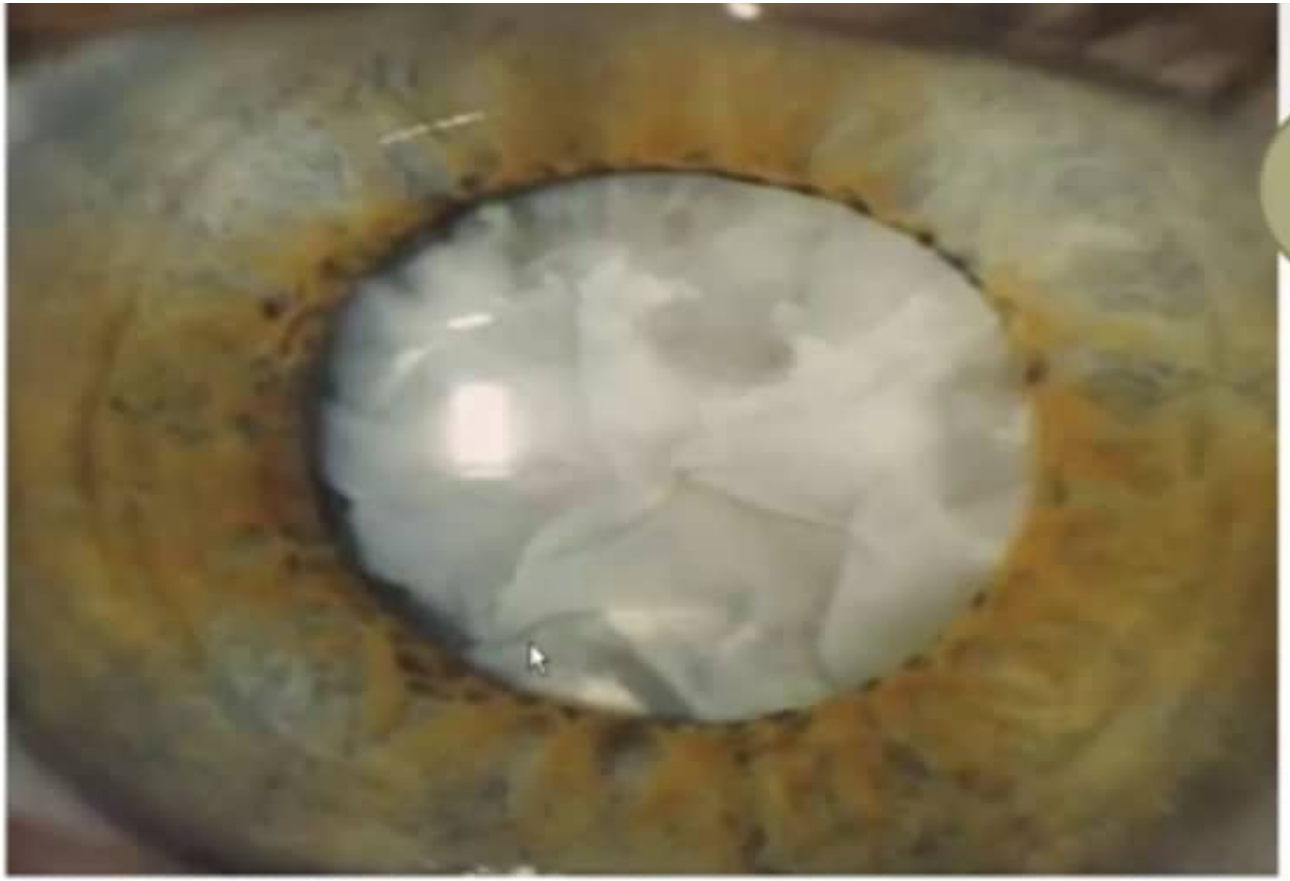
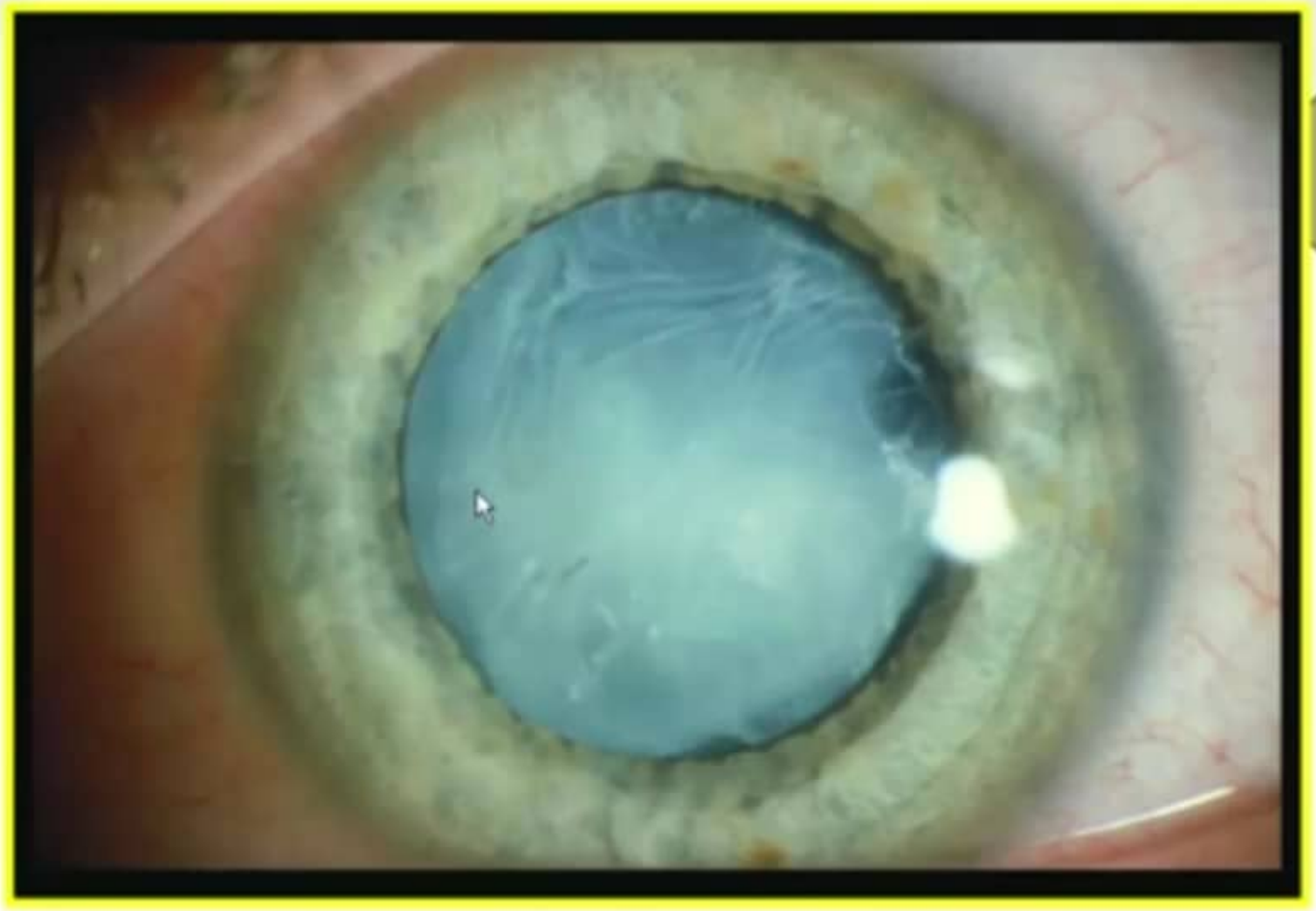


11

❖What is your diagnosis?

الممسوحة ضوئيا بـ CamScanner



12

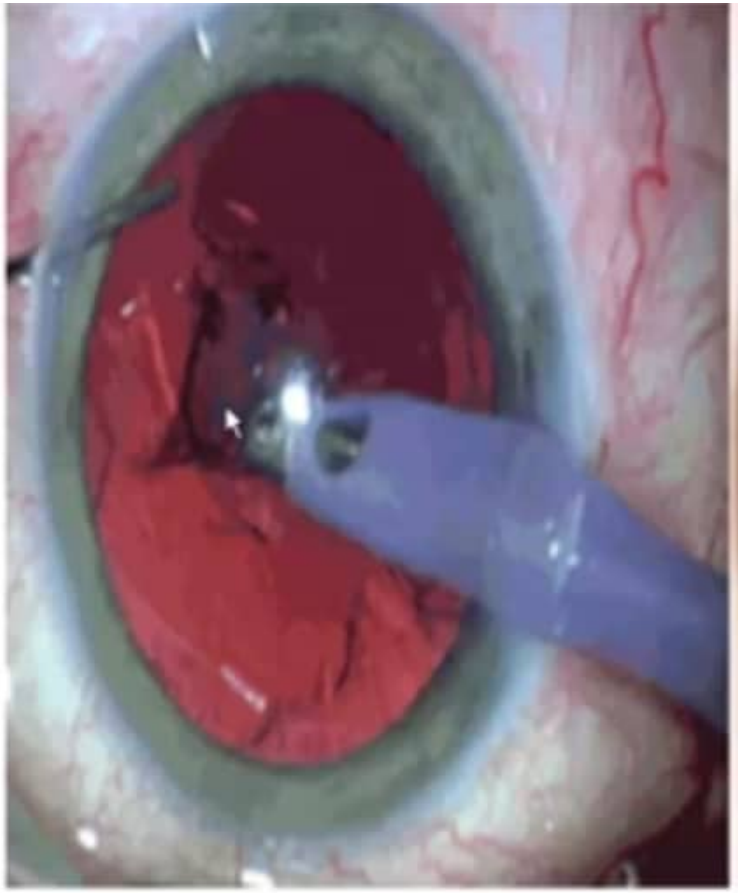
- What is your diagnosis ?
- Mention two important complications?

الممسوحة ضوئيا بـ CamScanner

13

❖What is the diagnosis?

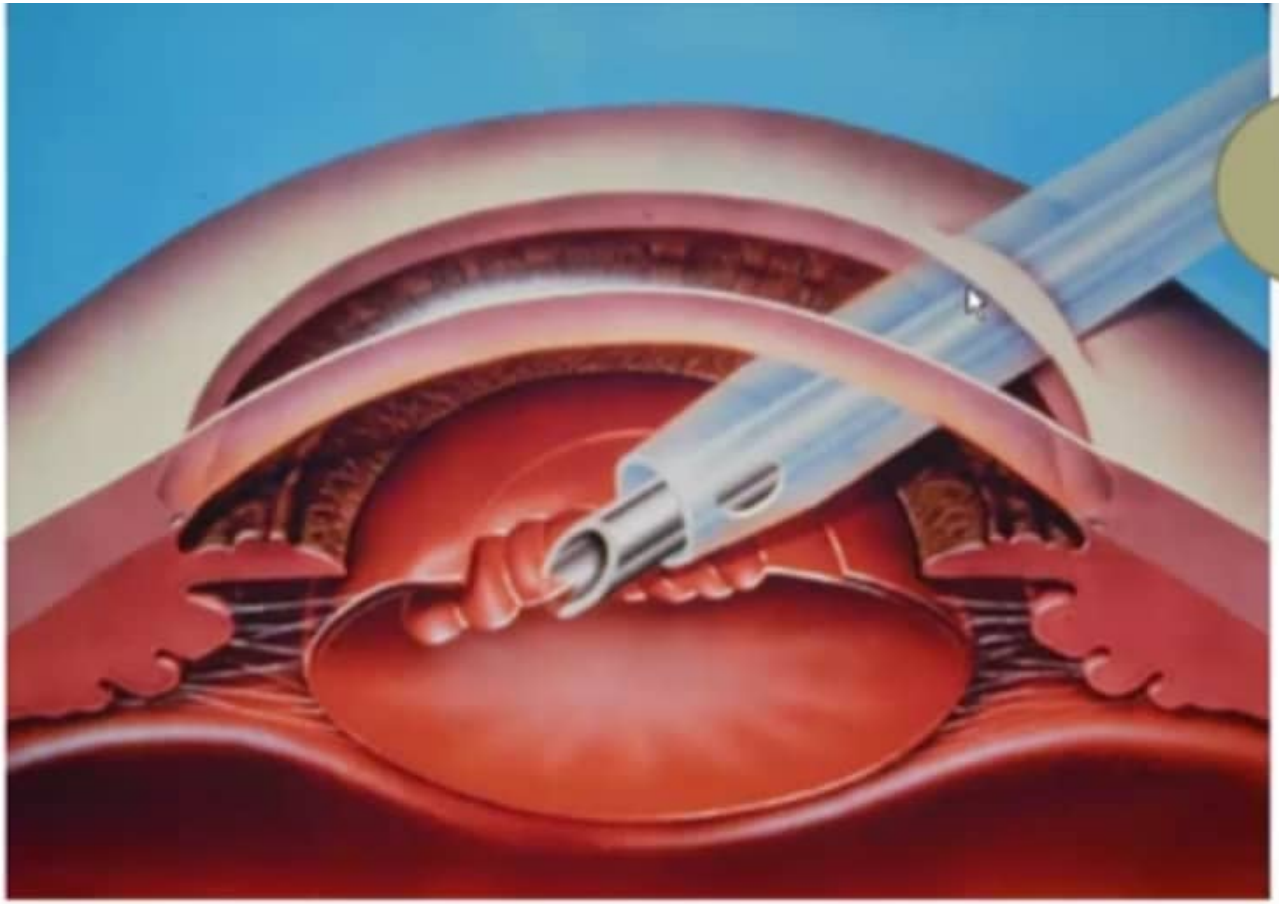
الممسوحة ضوئيا بـ CamScanner



14

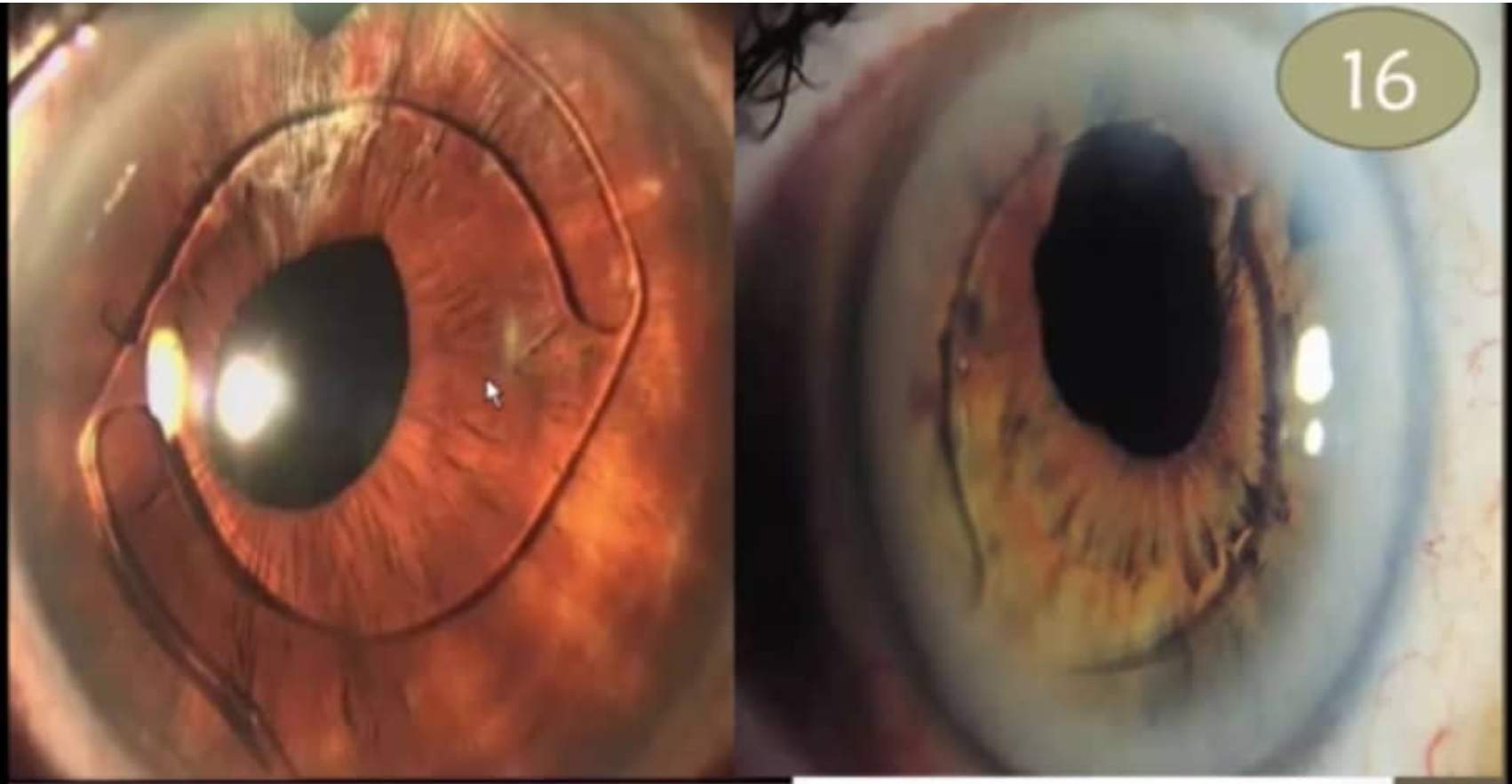
❖ What are the types of cataract surgery?

الممسوحة ضوئيا بـ CamScanner



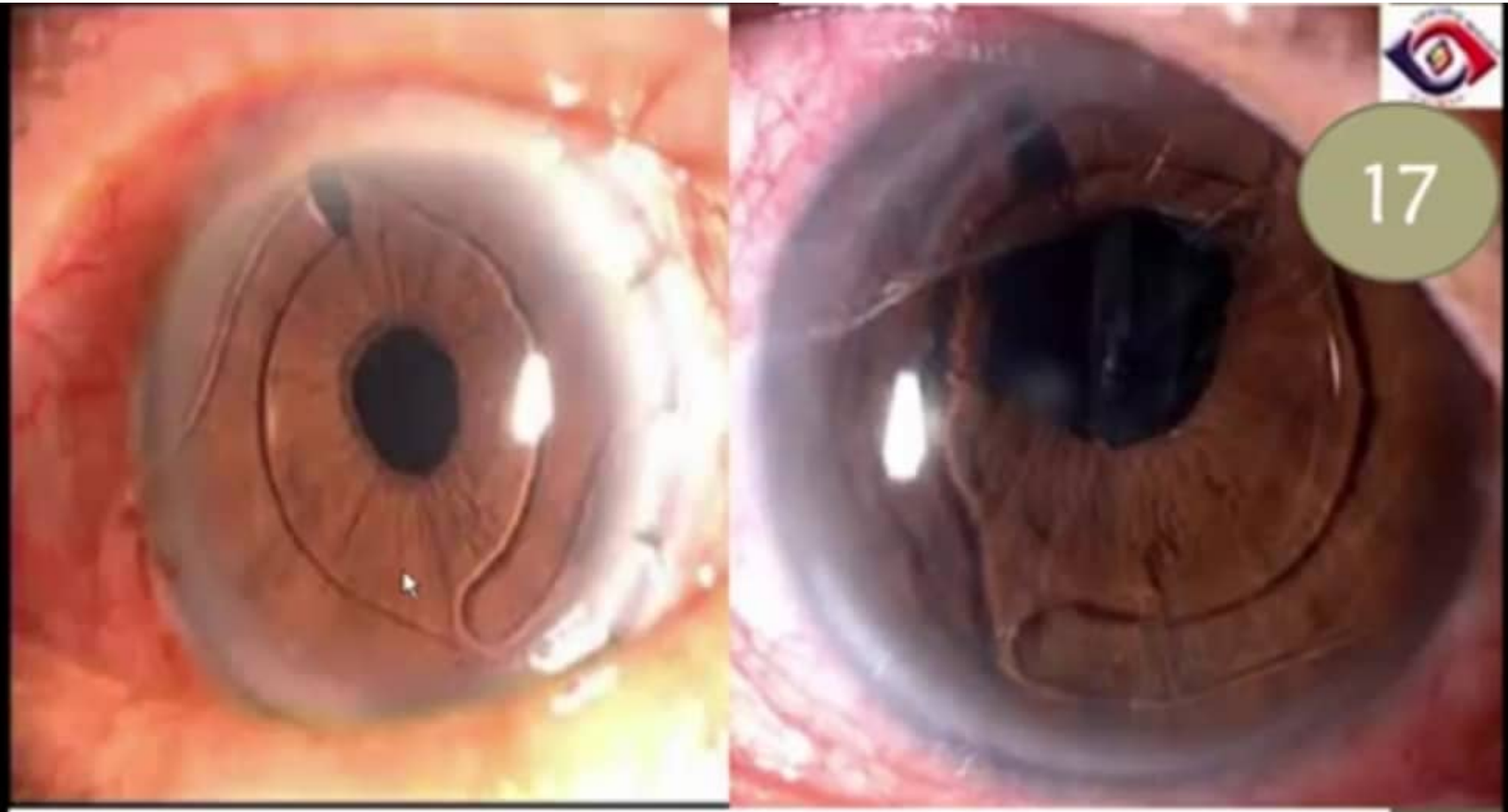
❖What exactly is phacomulsification?

الممسوحة ضوئيا بـ CamScanner



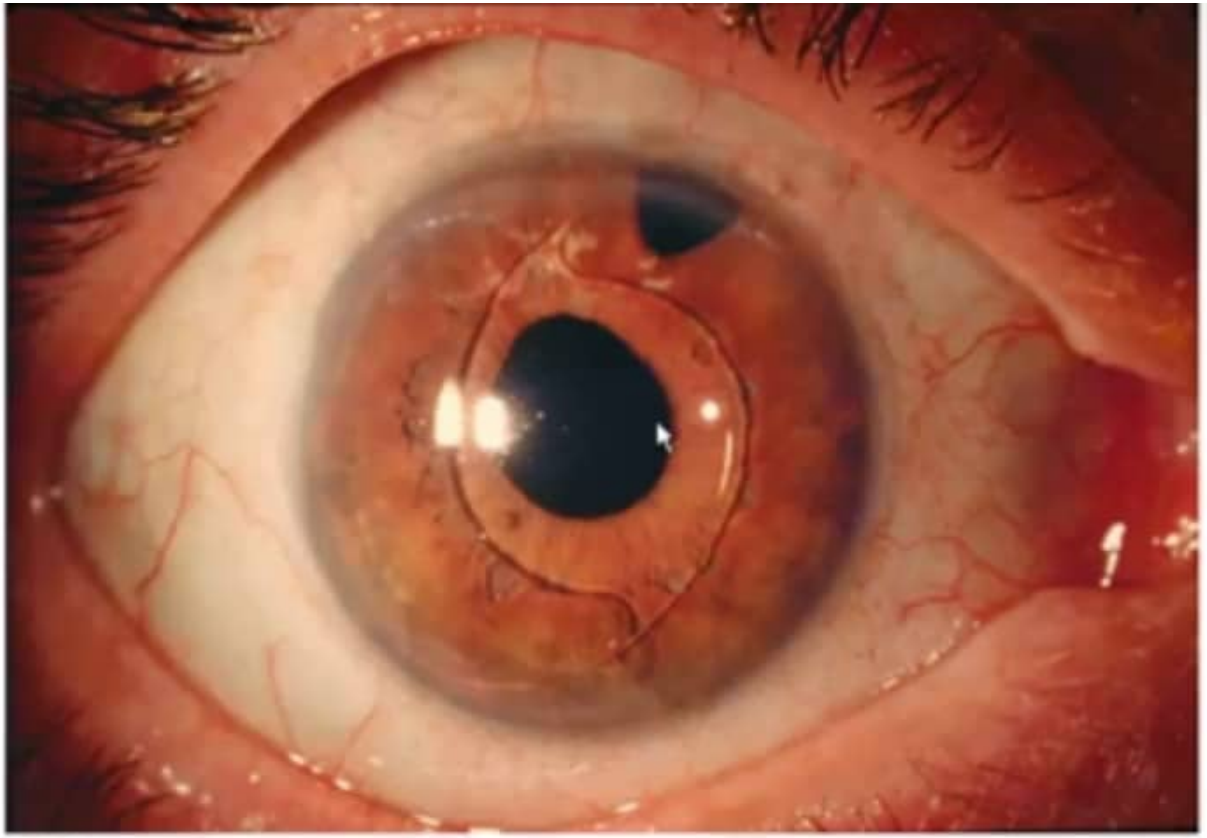
- What is your diagnosis?
- Why the peripheral iridoectomy is mandatory?

الممسوحة ضوئيا بـ CamScanner



- What is the diagnosis?
- Mention 3 serious complications?

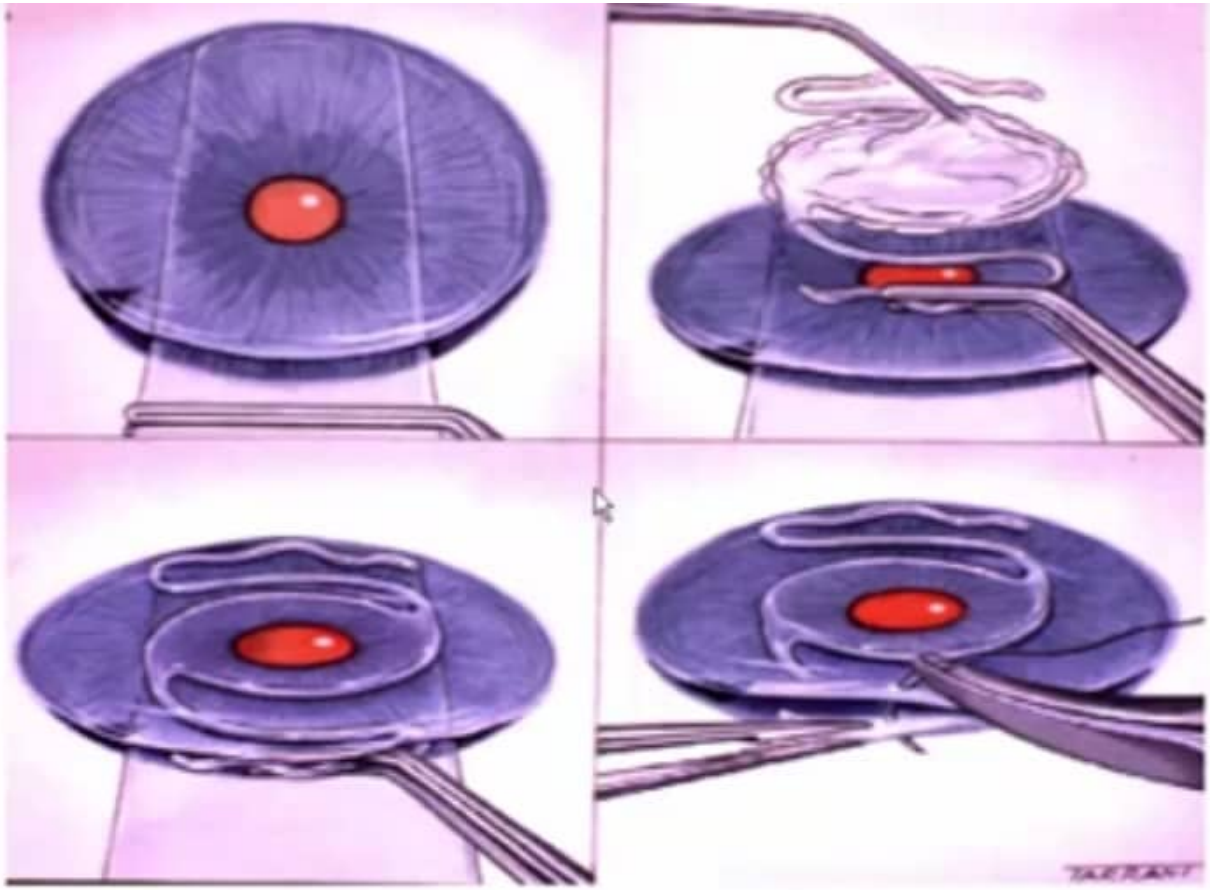
الممسوحة ضوئيا بـ CamScanner



18

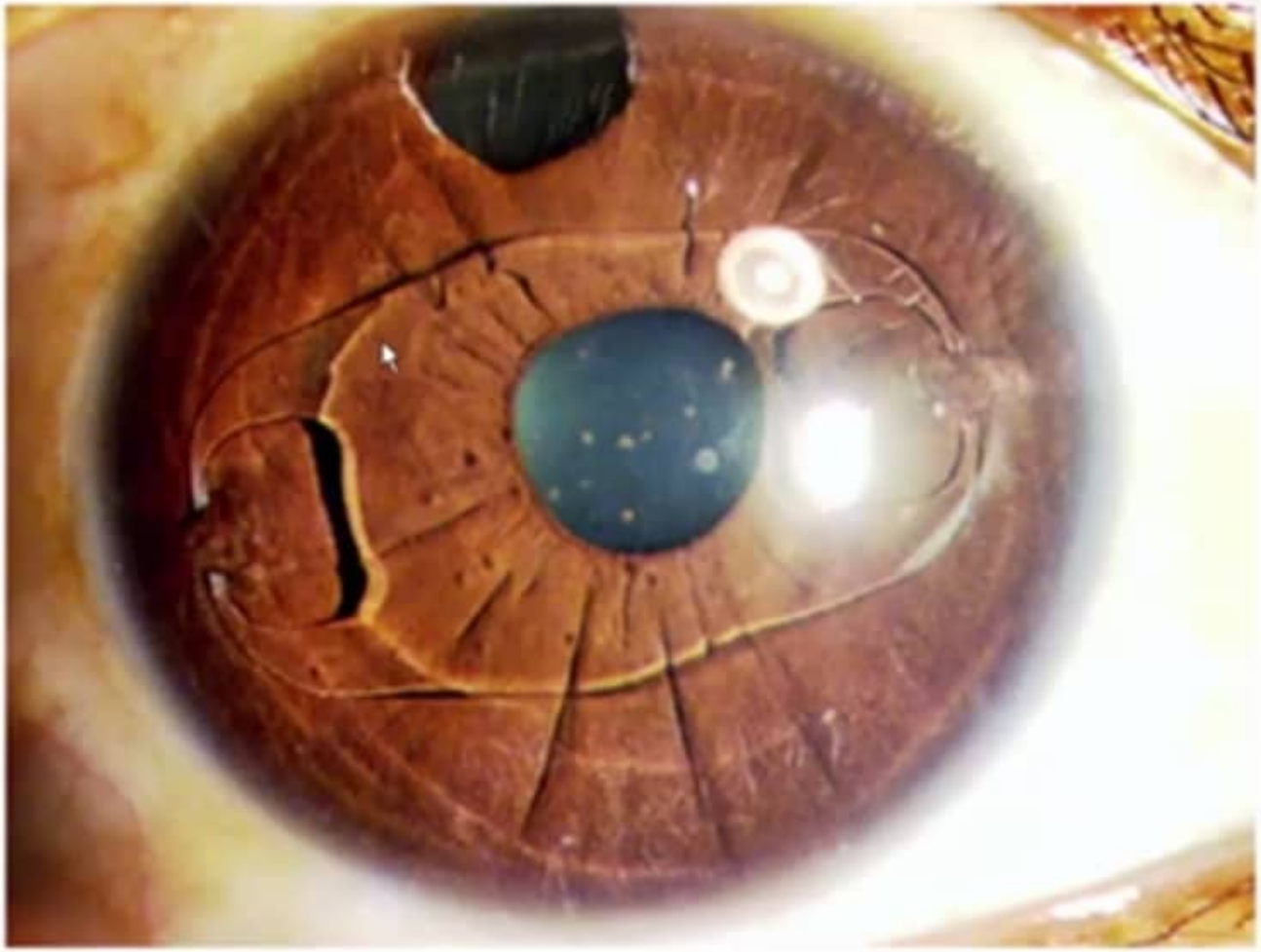
- What are the finding?
- Mention 3 complication that could happen?

الممسوحة ضوئيا بـ CamScanner



- What are the indications of insertion of A/C IOL ?

الممسوحة ضوئيا بـ CamScanner



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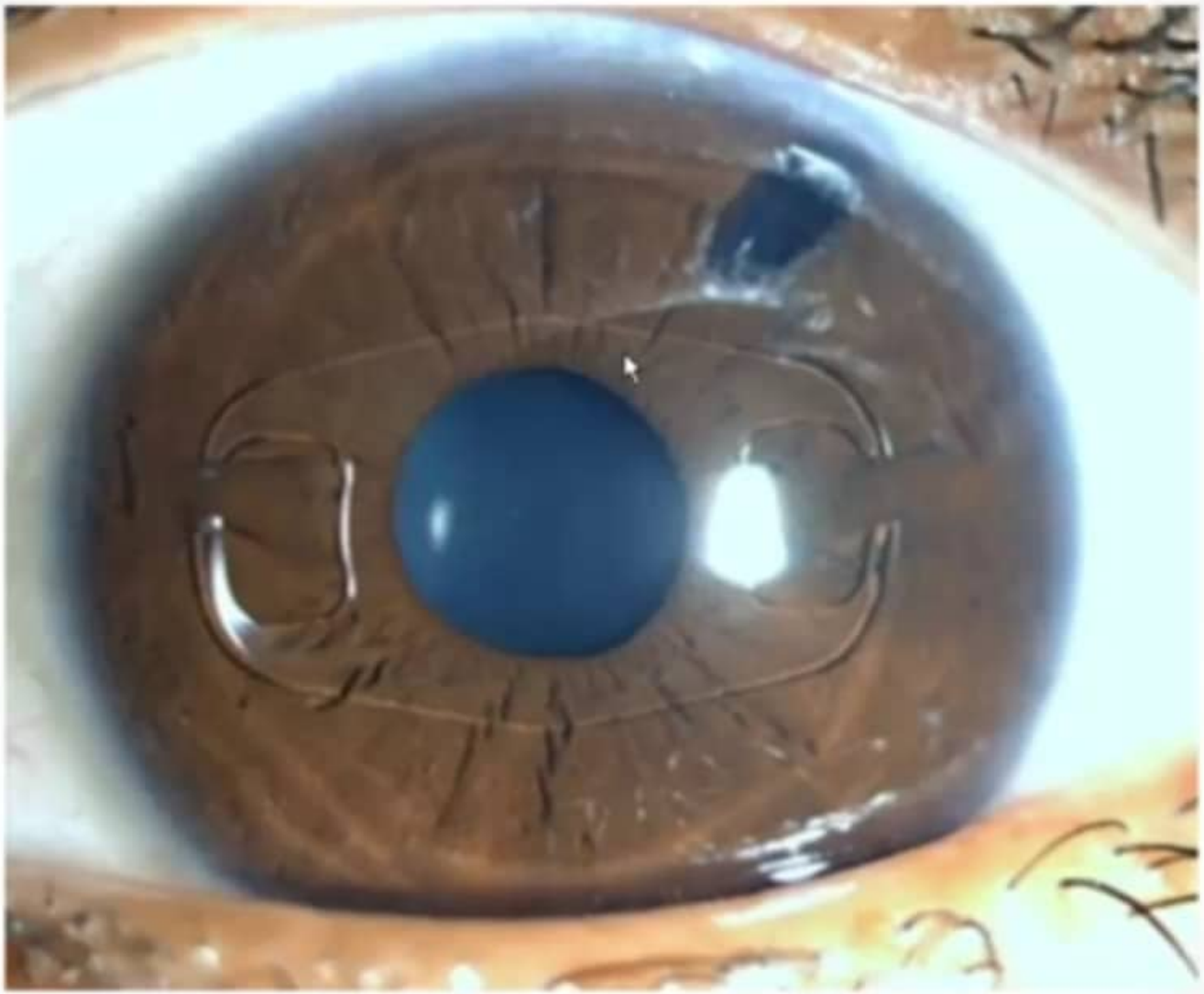

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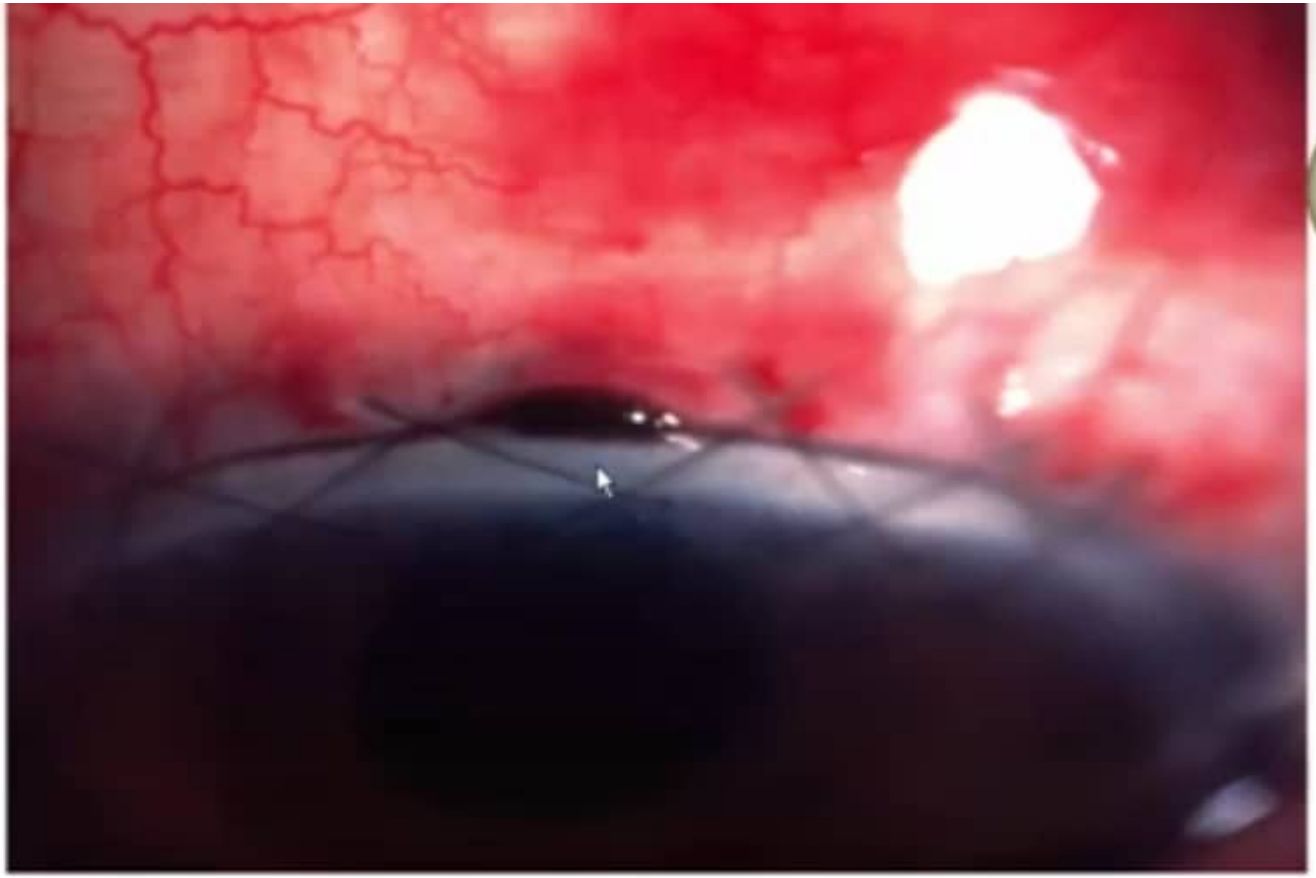
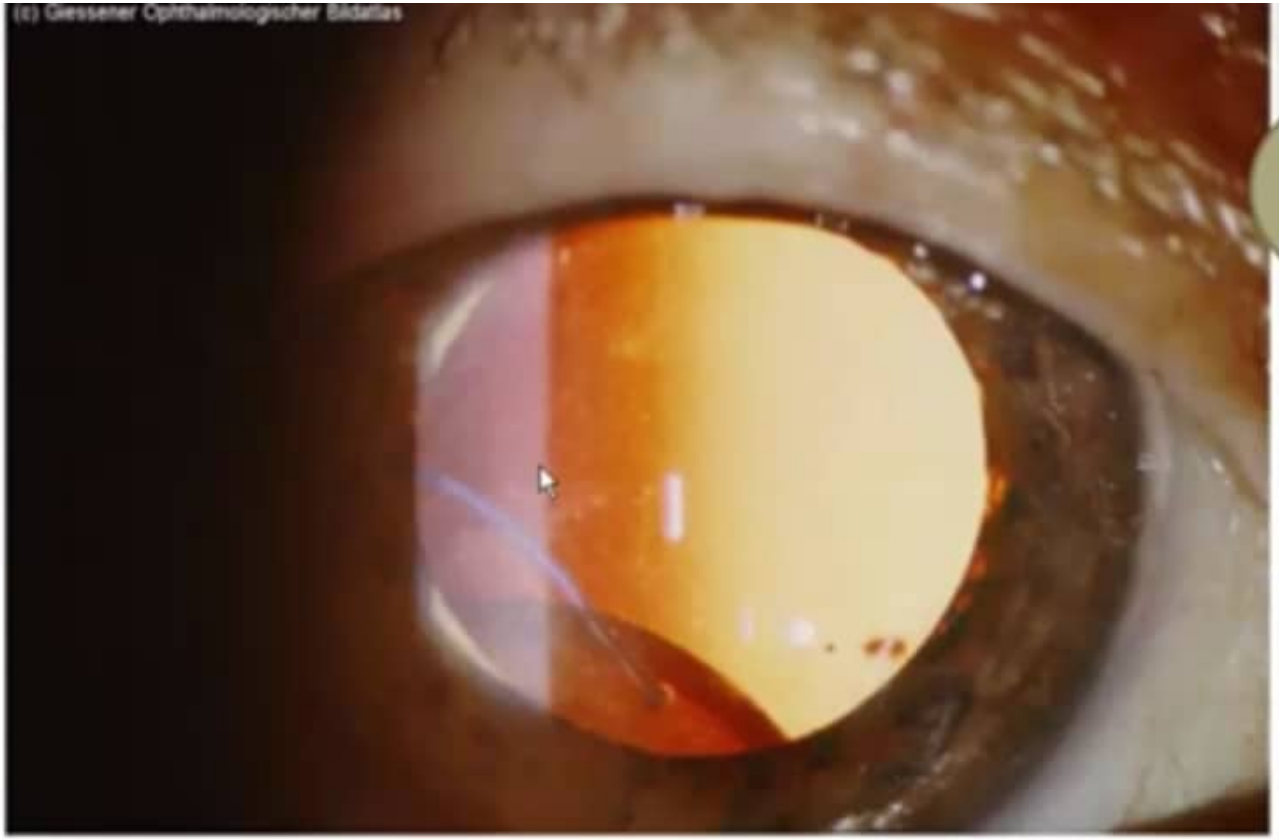


20

- What are the early complications of Cataract surgery ?

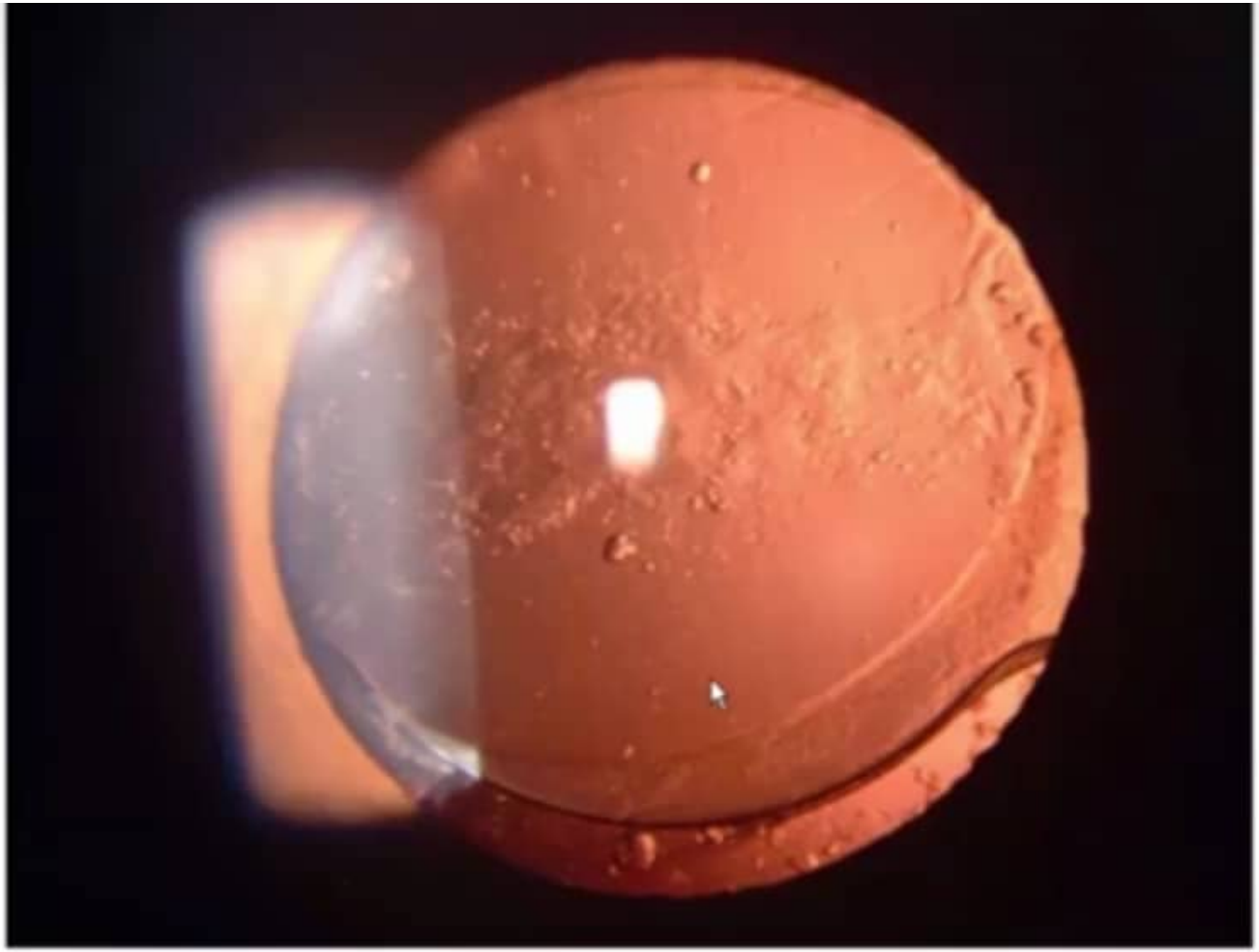
الممسوحة ضوئيا بـ CamScanner



21

- What is this post-cataract complication?
- What is management?

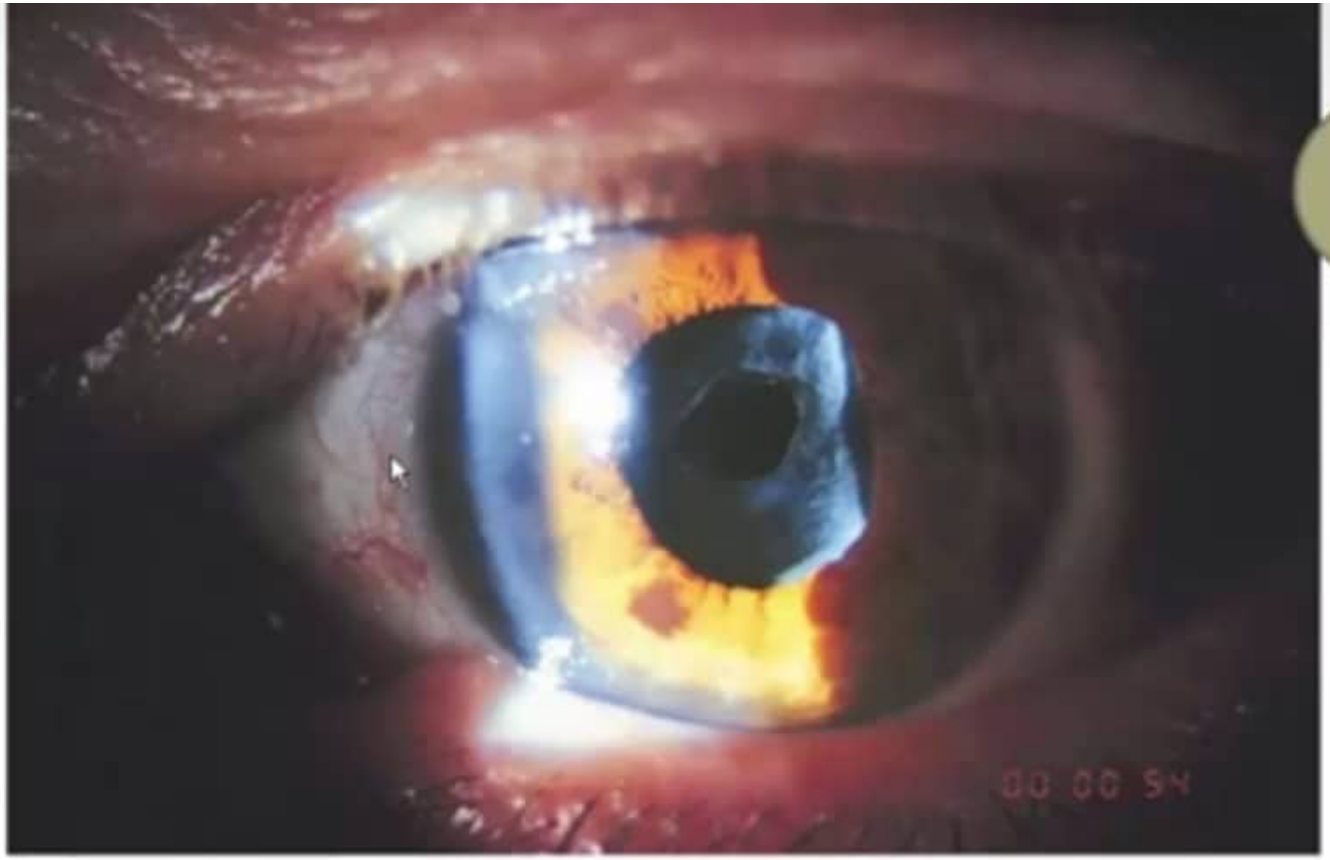
الممسوحة ضوئيا بـ CamScanner



22

❖The cause of low vision in this post-cataract surgery eye is .....

الممسوحة ضوئيا بـ CamScanner



23

- What type of laser had been used to open this PCO?
- Mention 2 other types of ophth. Laser ?

الممسوحة ضوئيا بـ CamScanner

24

This is one of the common complications of cataract surgery.

- What is it ?
- what is the treatment?

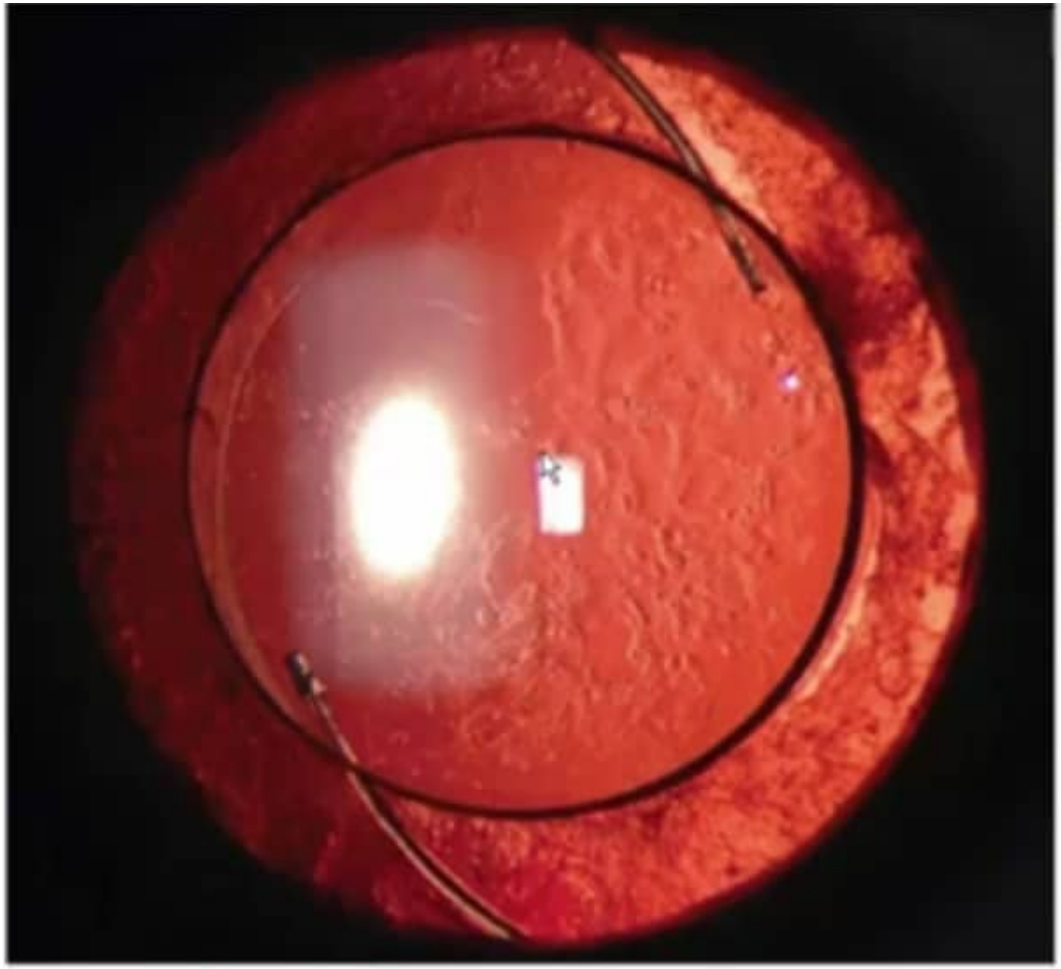
الممسوحة ضوئيا بـ CamScanner

25

This finding was seen 2 days after cataract operation

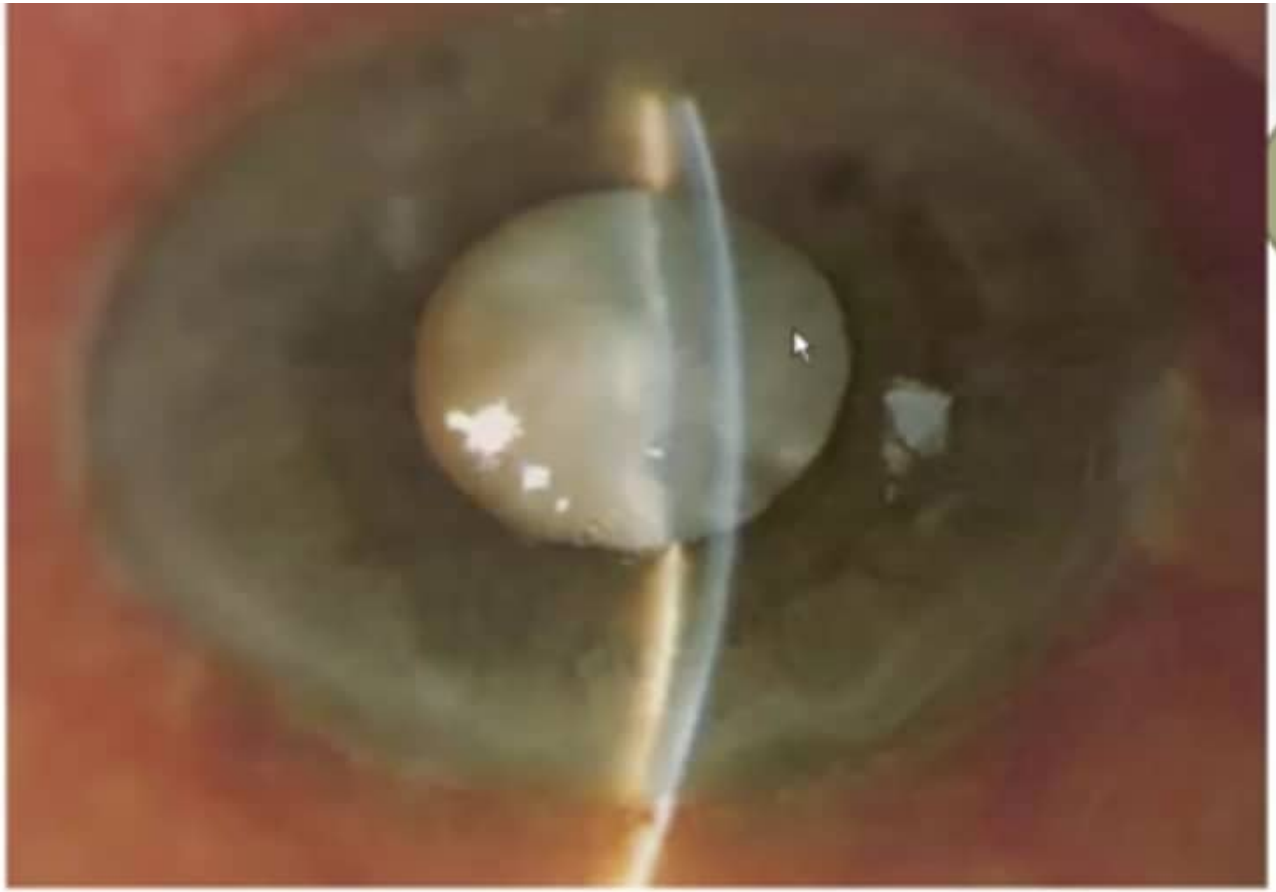
- what is the diagnosis ?
- Mention how to manage briefly ?

الممسوحة ضوئيا بـ CamScanner



- After complicated cataract surgery this patient developed .....

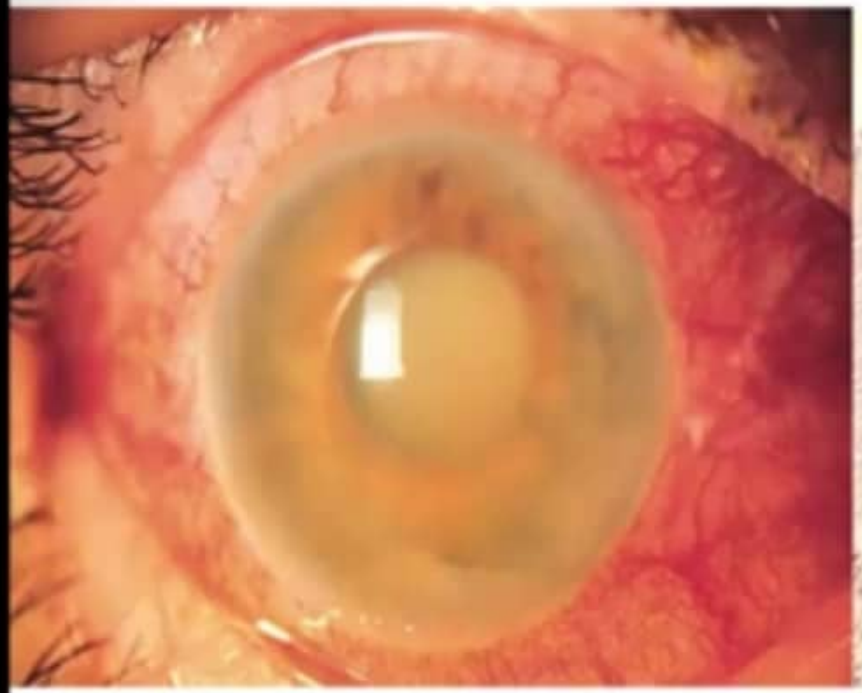
الممسوحة ضوئيا بـ CamScanner

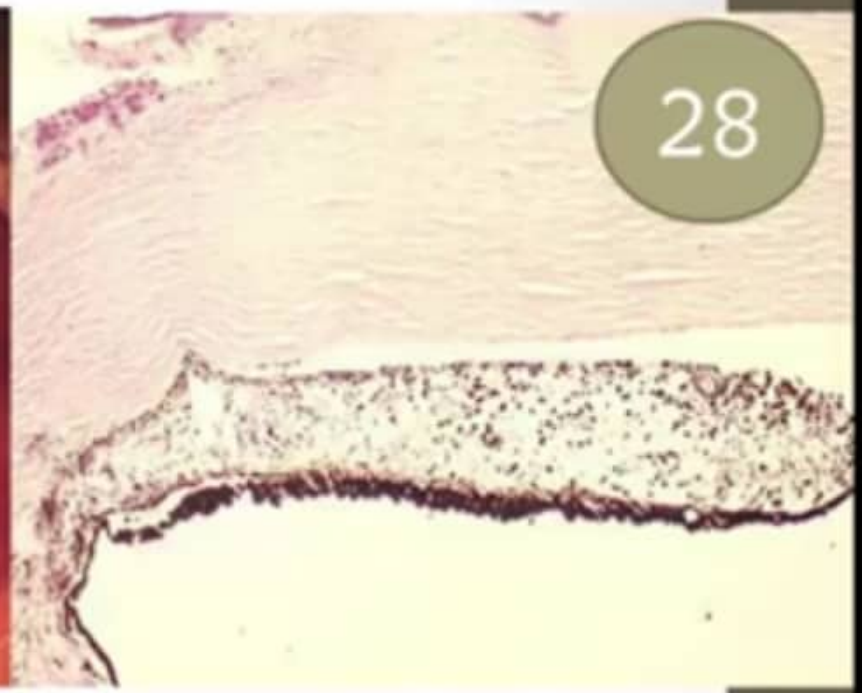


27

- What is the diagnosis?
- What is the management?

الممسوحة ضوئيا بـ CamScanner

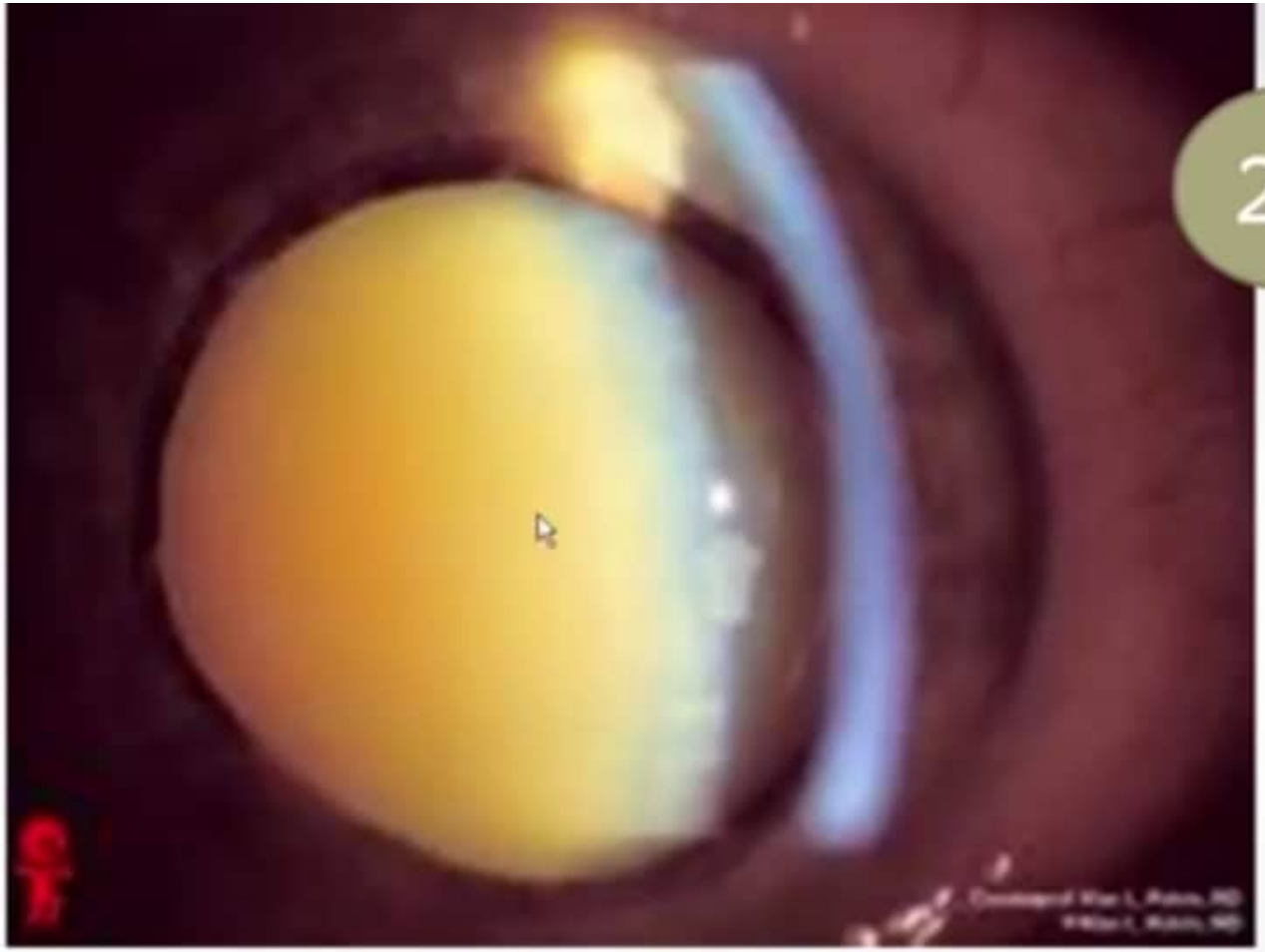




28

- What is the diagnosis of this condition?
- Mention the management briefly?

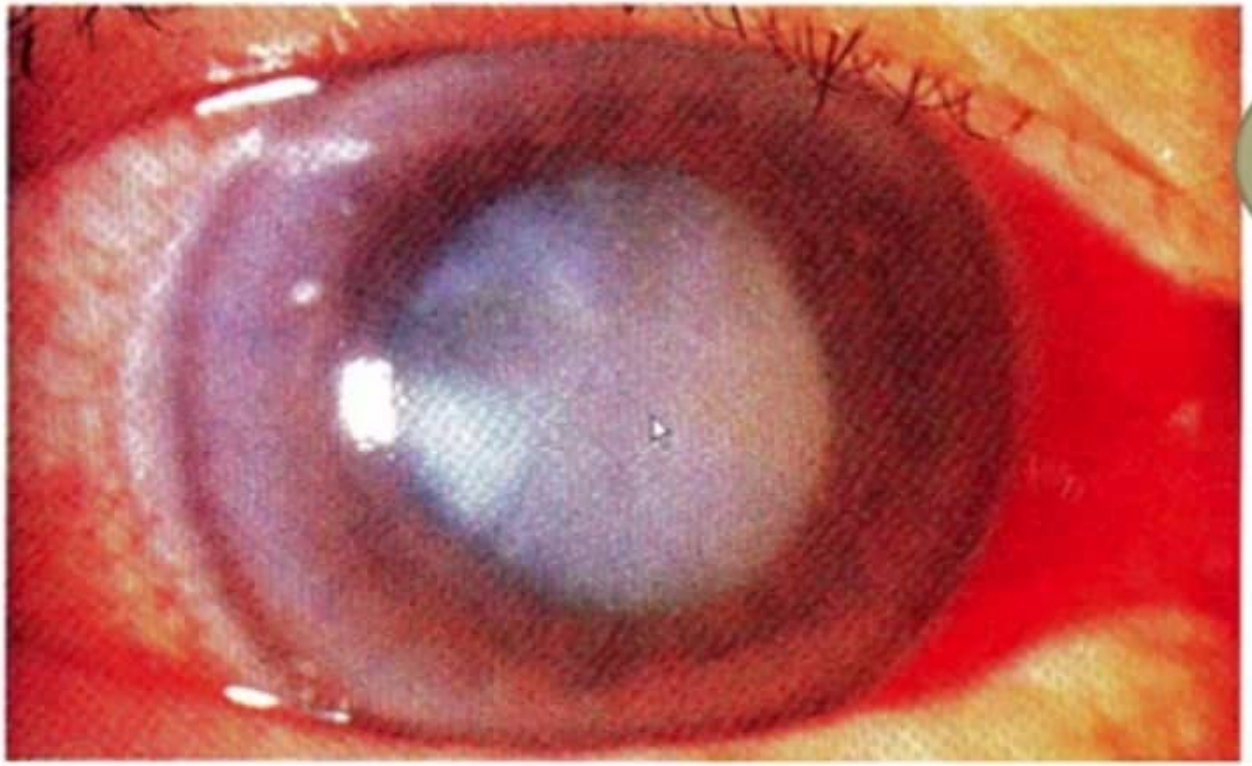
الممسوحة ضوئيا بـ CamScanner



29

- Mention two abnormal findings?
- What is the treatment?

الممسوحة ضوئيا بـ CamScanner

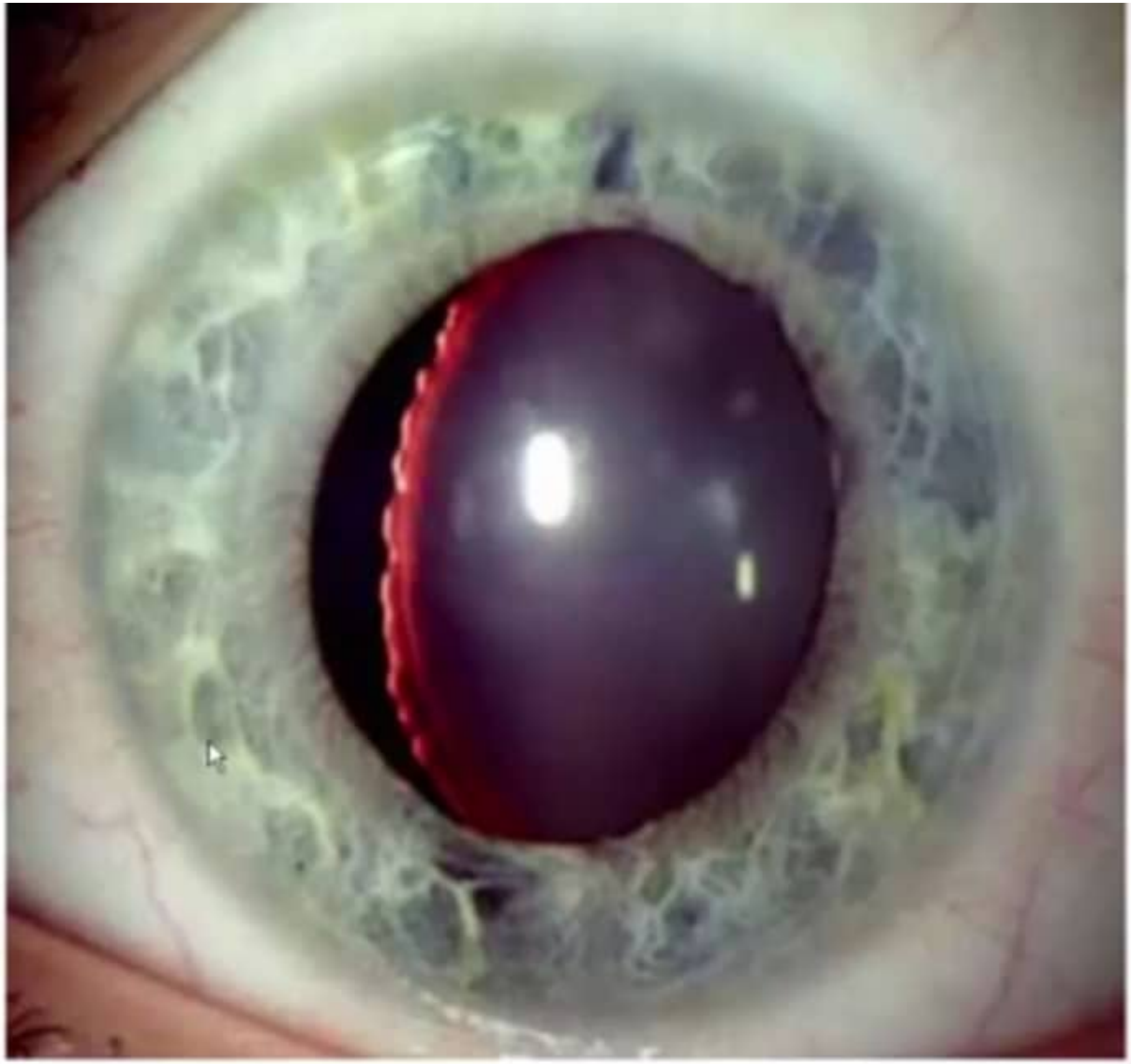


30

- What is the most probable diagnosis?
- What is the management?

الممسوحة ضوئيا بـ CamScanner

الممسوحة ضوئيا بـ CamScanner



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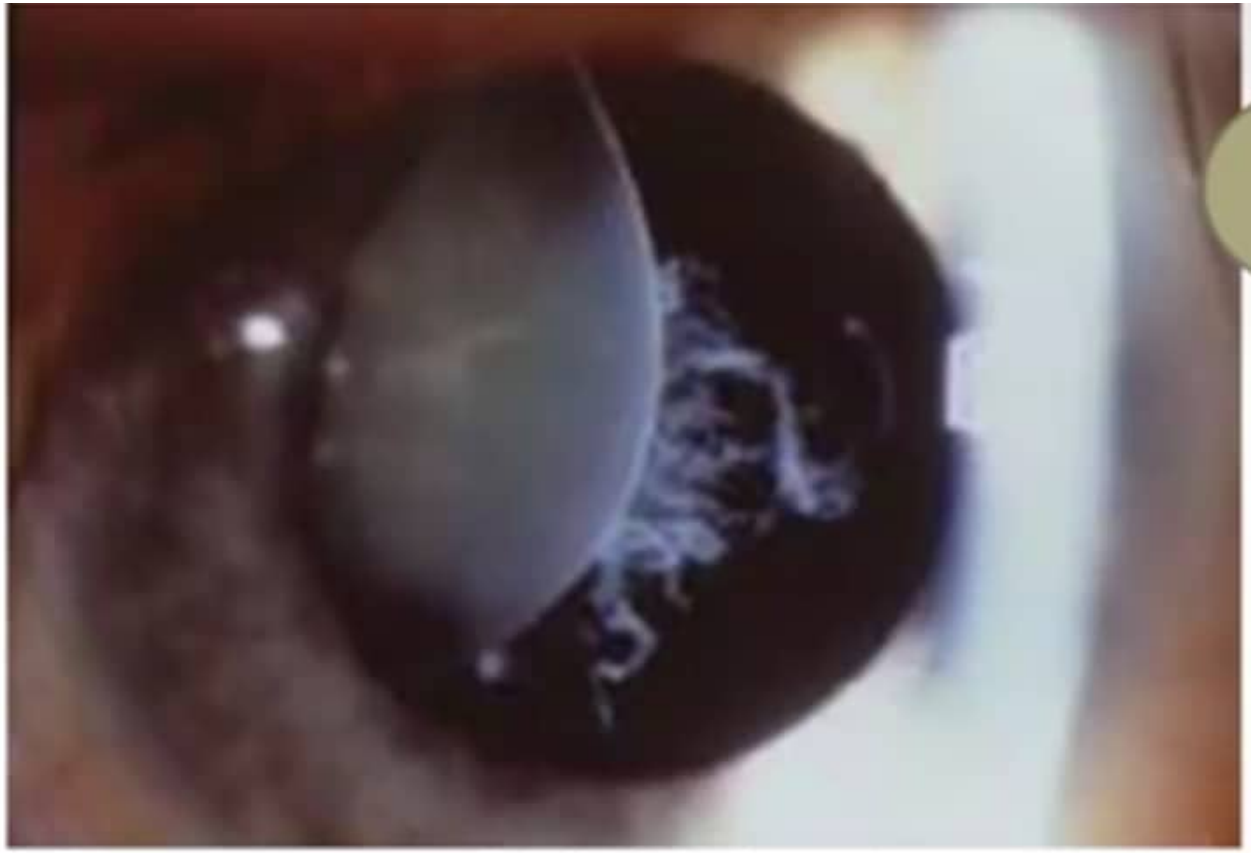
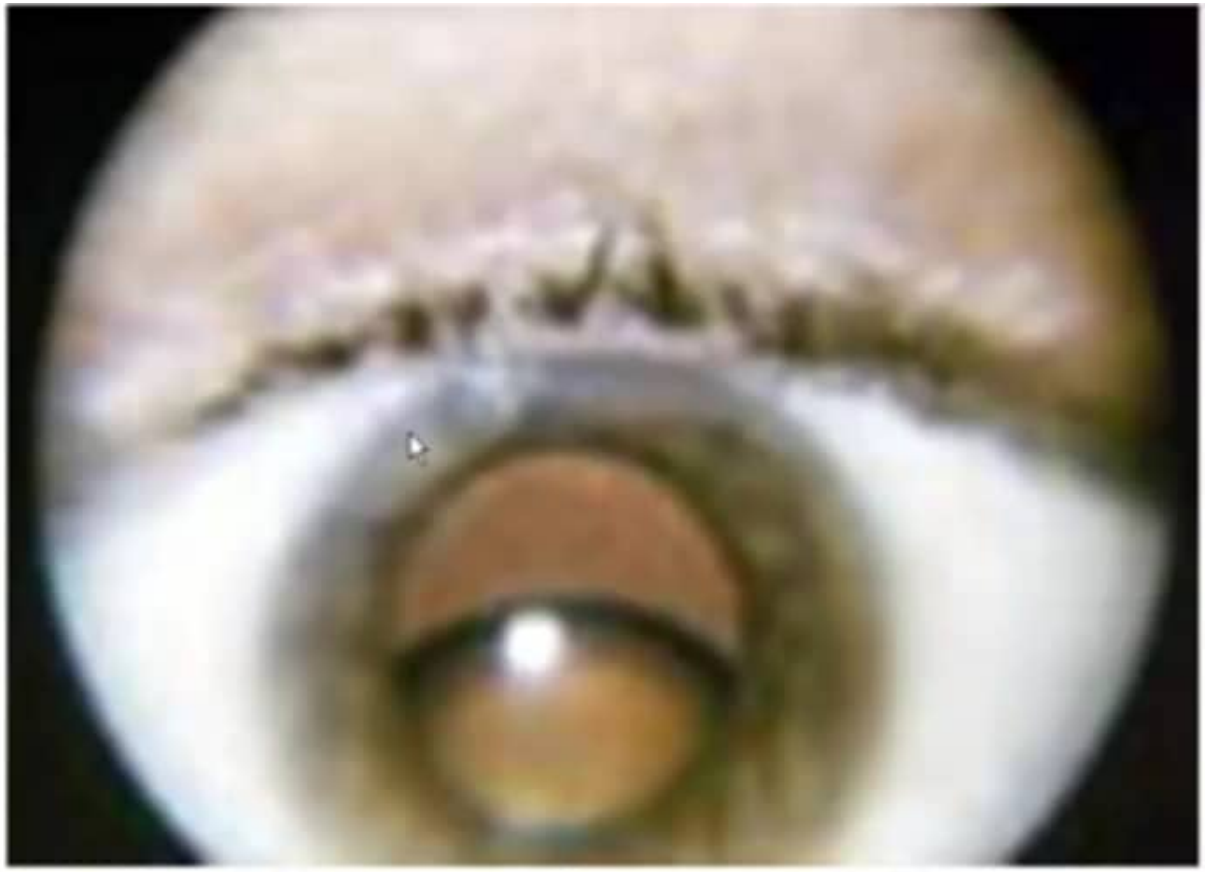


31

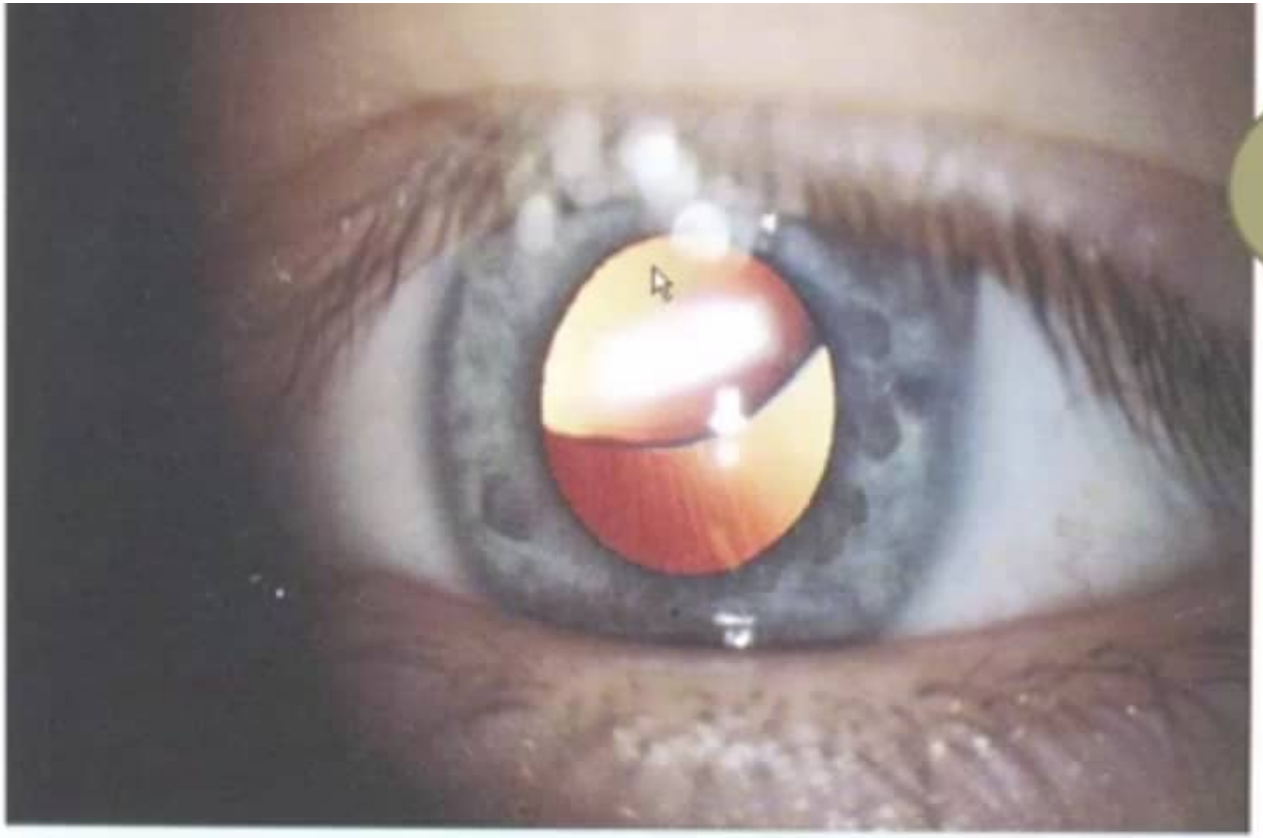
- What is the diagnosis?
- Mention 2 causes for such finding.?

الممسوحة ضوئيا بـ CamScanner



- What is the main symptom of this patient ?
- Tell me two DD?

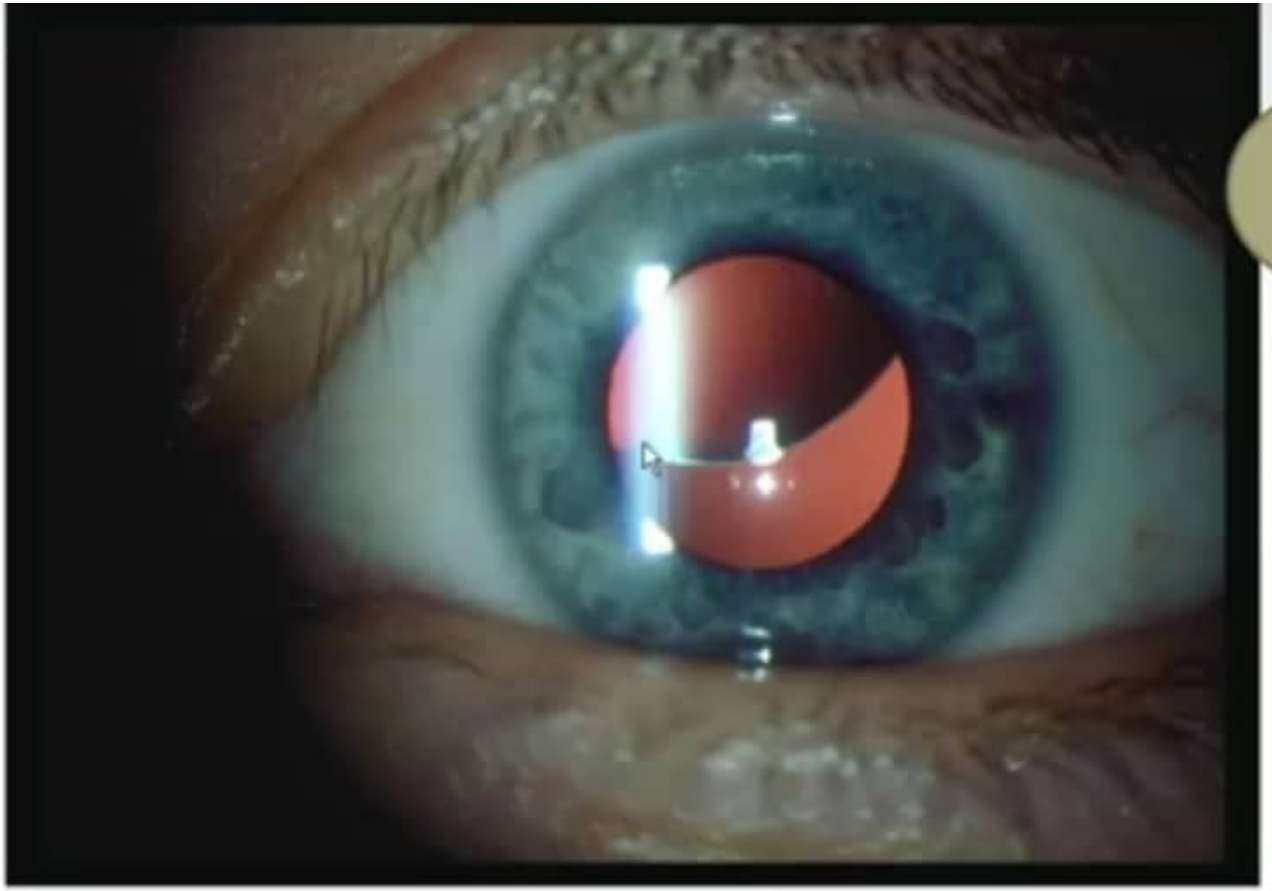
الممسوحة ضوئيا بـ CamScanner



33

- What is the abnormality seen ? And in which syndrome it is seen?
- Mention two associated systemic features?

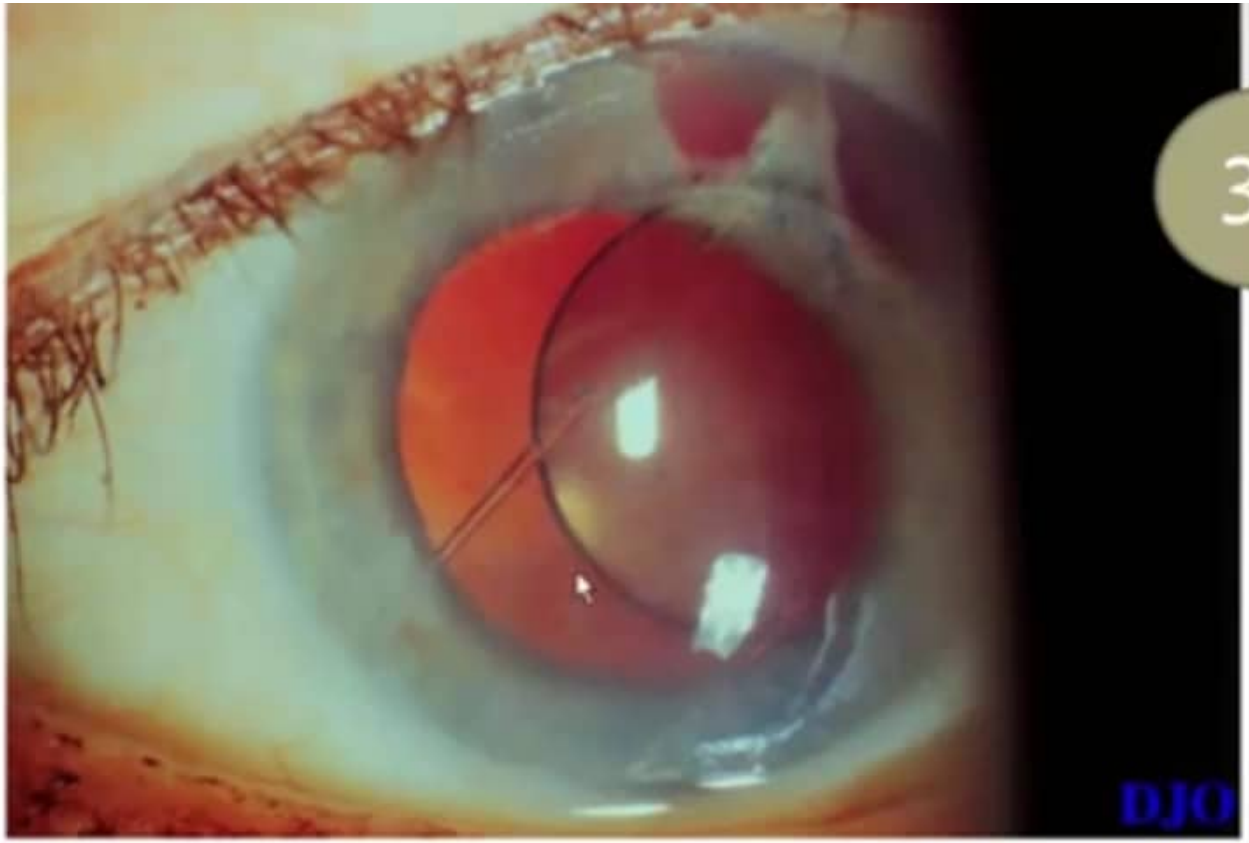
الممسوحة ضوئيا بـ CamScanner



34

- What is the abnormal finding?
- Mention two presenting symptoms?

الممسوحة ضوئيا بـ CamScanner



35

- What is your main findings?
- What are the possible complications?

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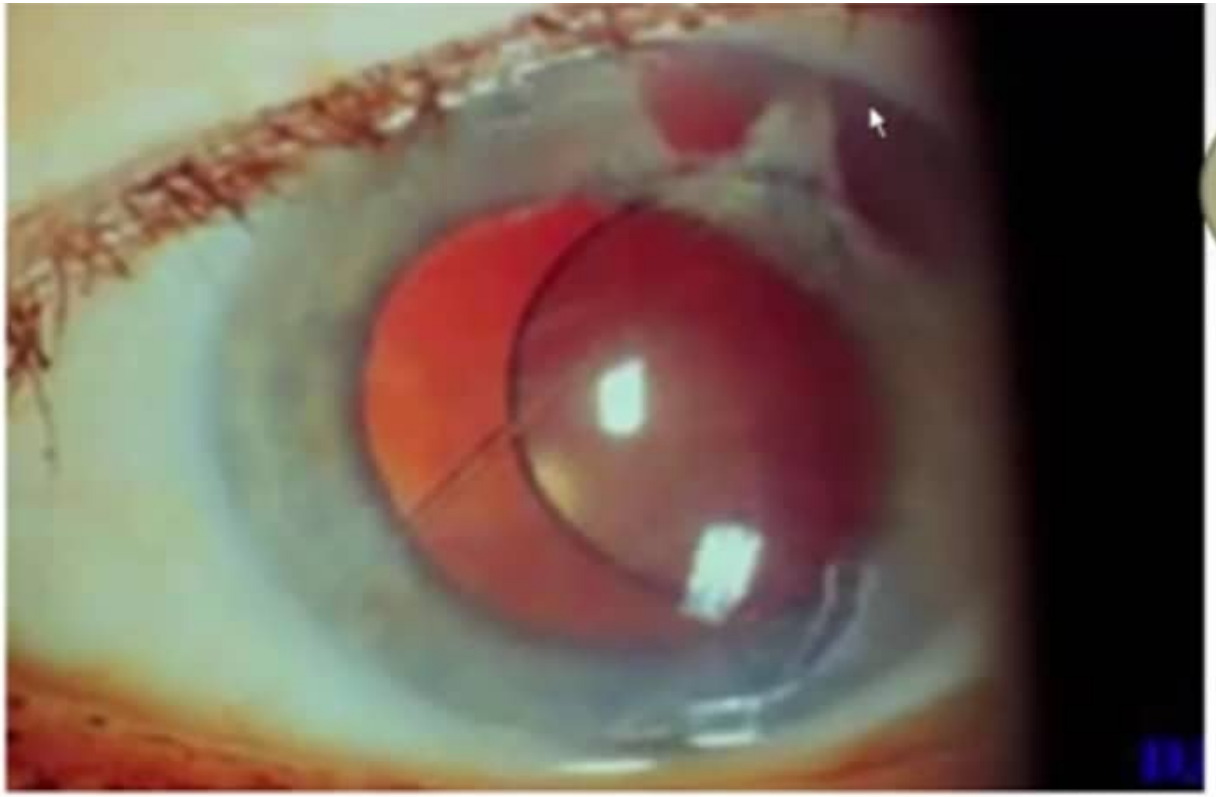

❖**What complications associated With subluxation of the IOL?**

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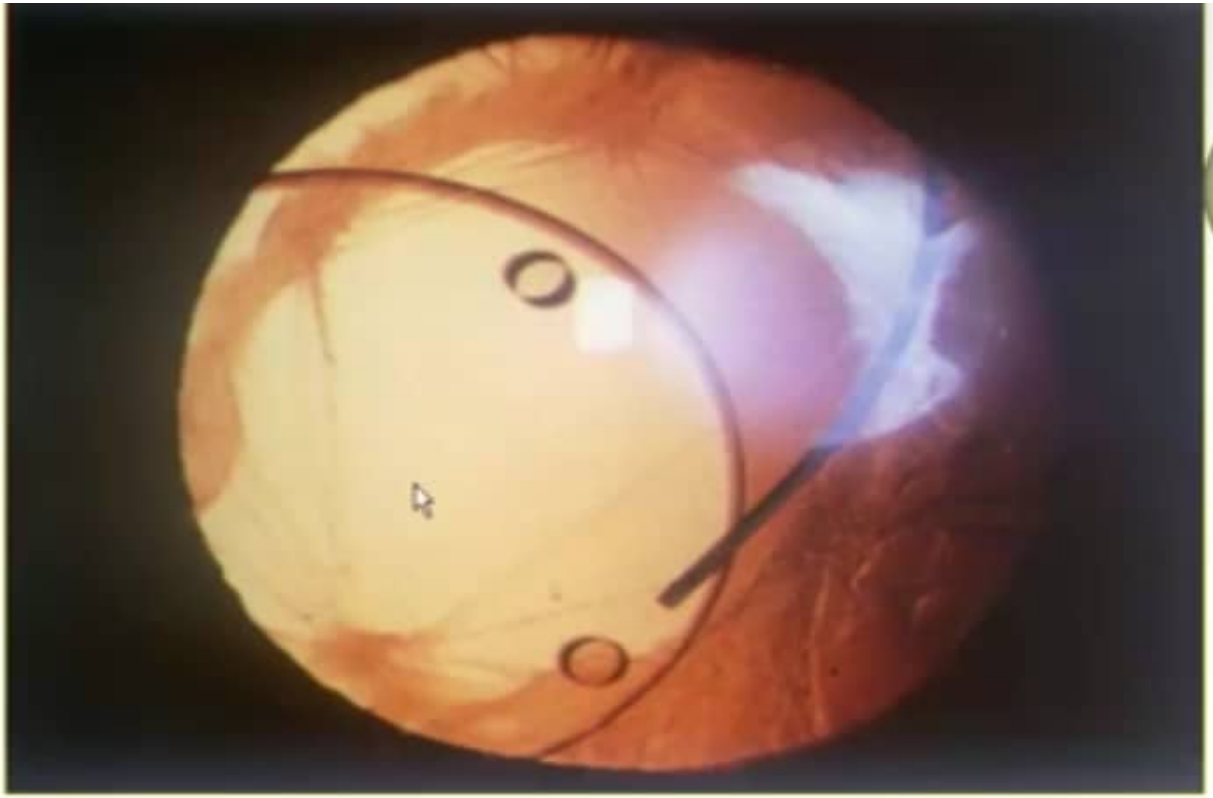


37

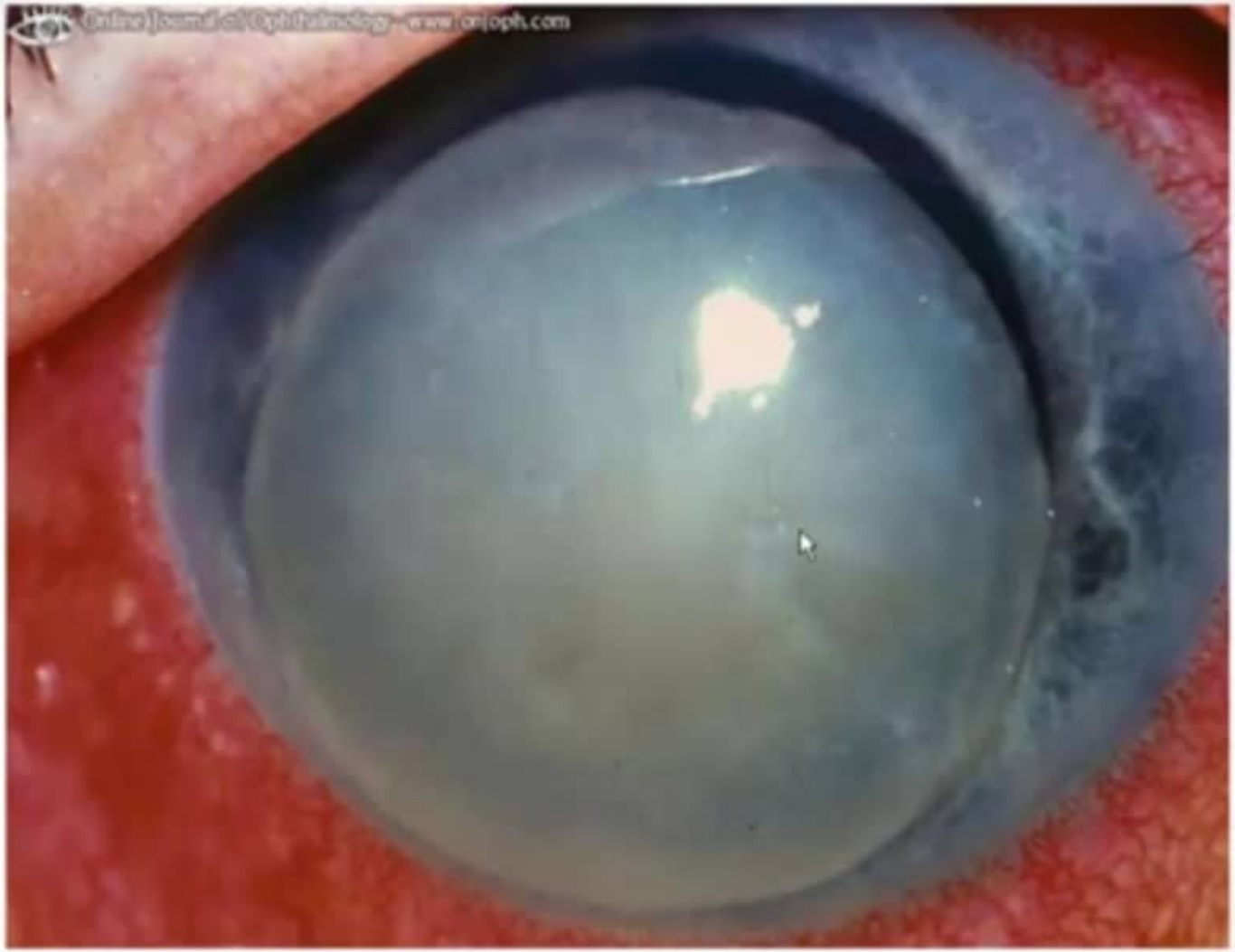
- What is the Diagnosis ?
- What is the Complain of patient?

الممسوحة ضوئيا بـ CamScanner

38

- What is the diagnosis?
- Mention 2 important complications?

الممسوحة ضوئيا بـ CamScanner



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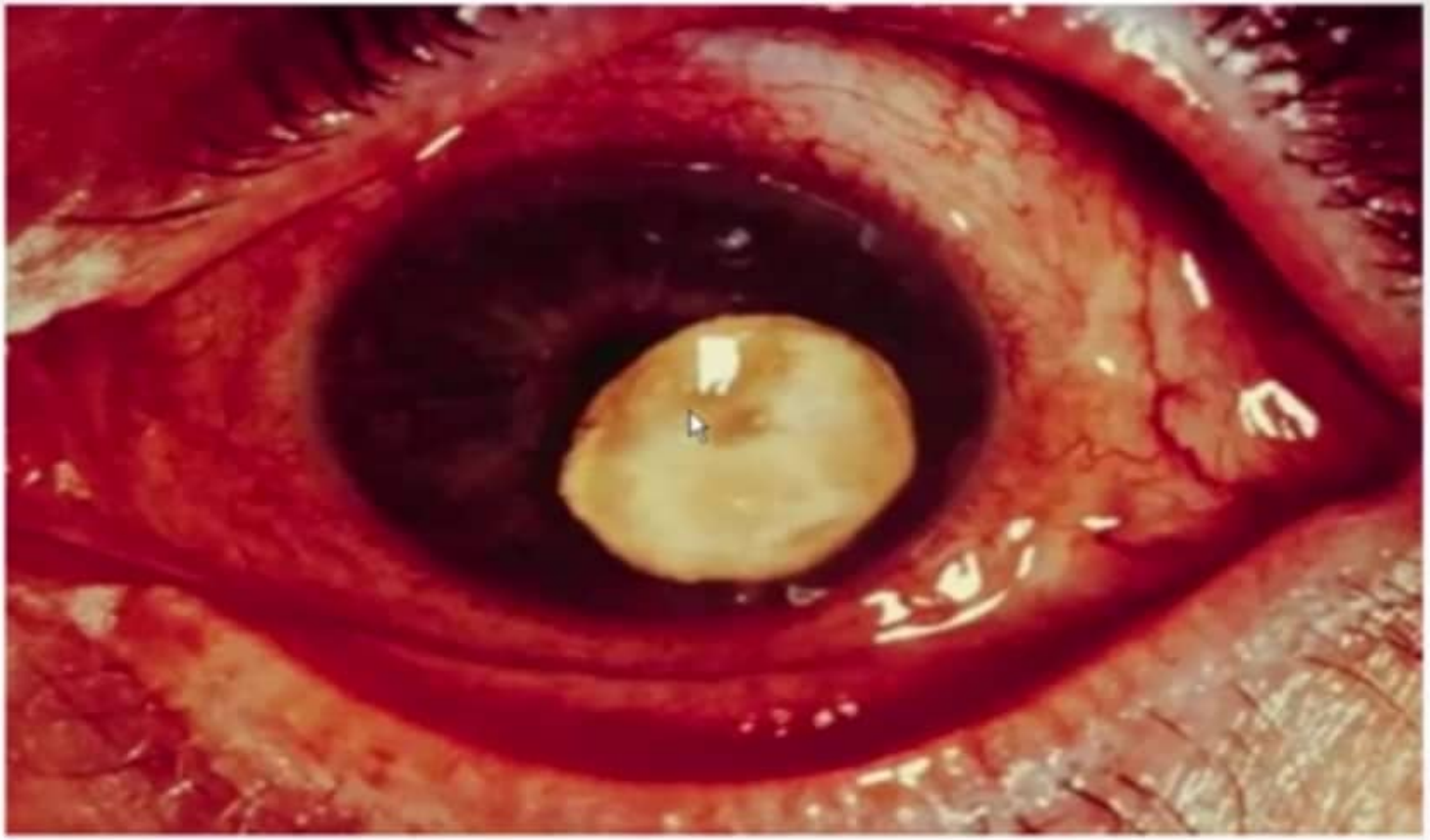
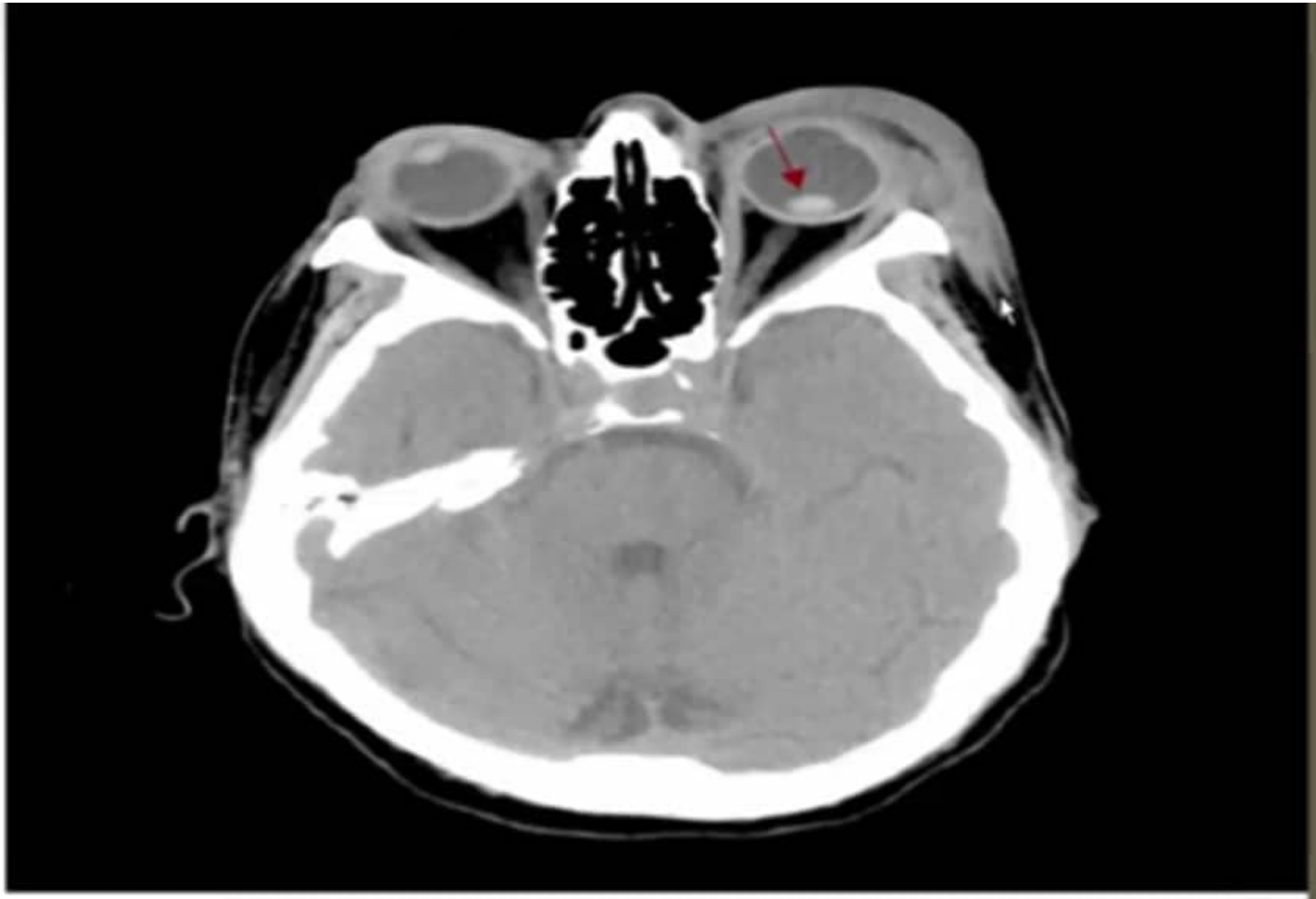


الممسوحة ضوئيا بـ CamScanner

39

- What is the diagnosis?
- What is the management?

الممسوحة ضوئيا بـ CamScanner



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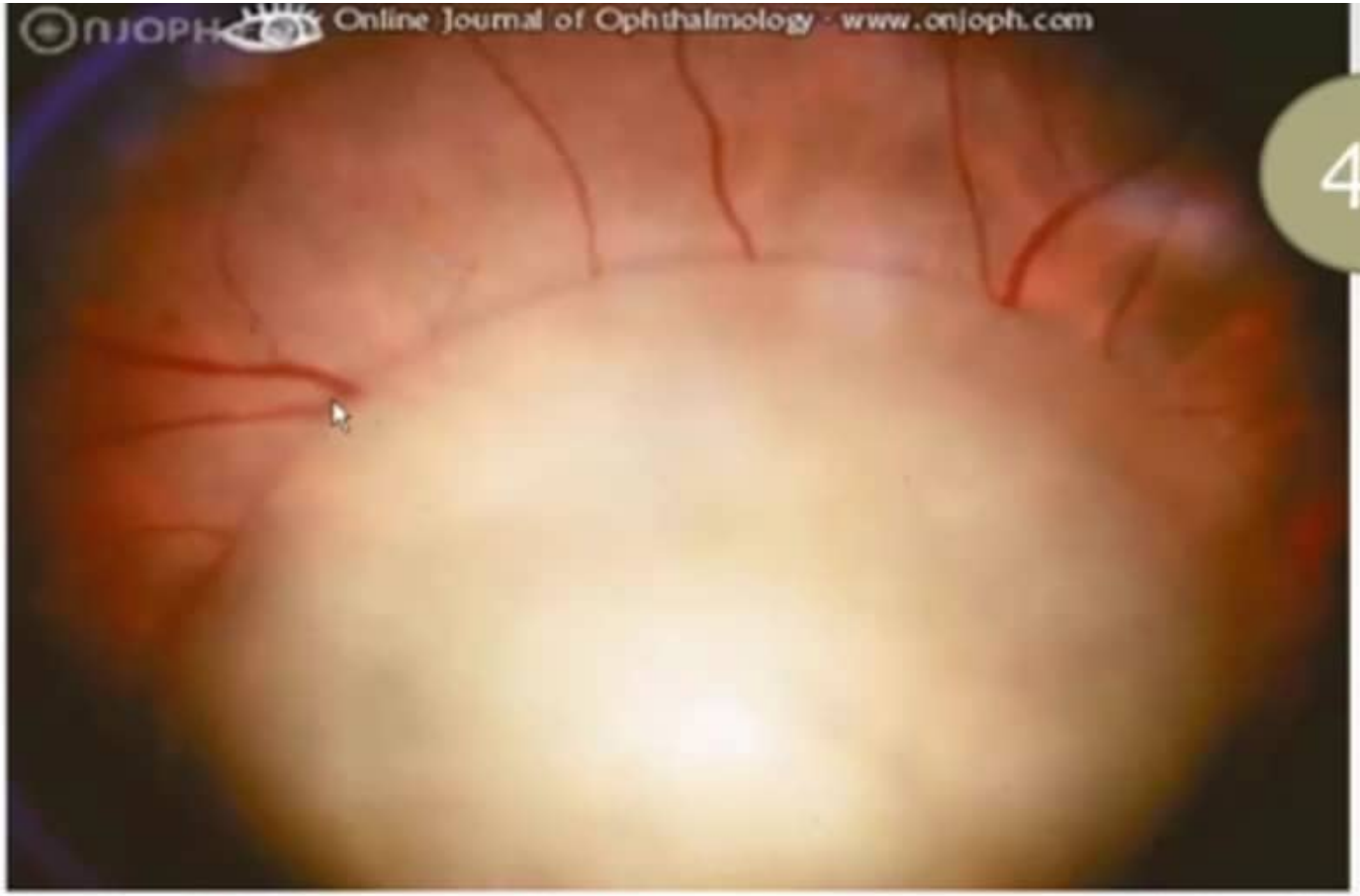
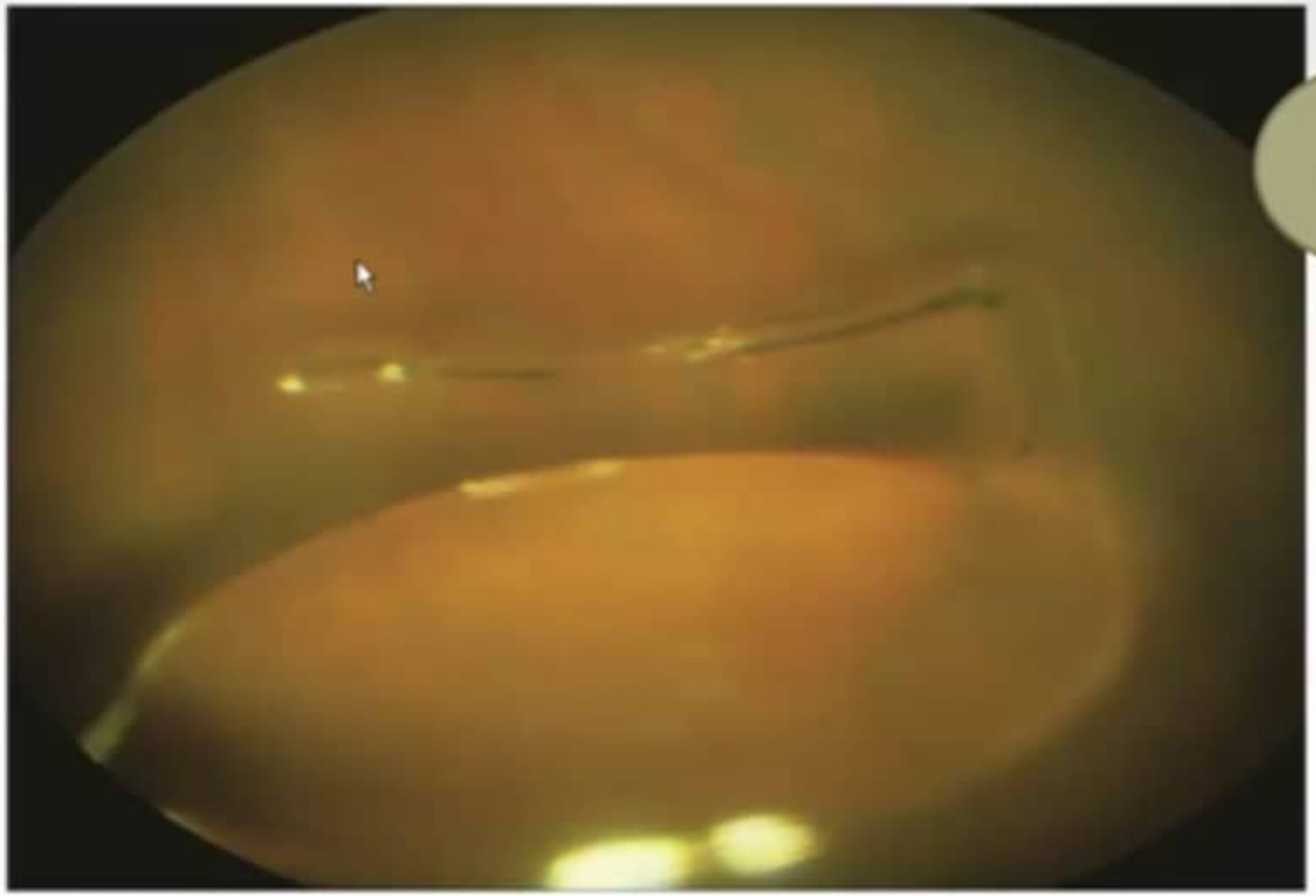


40

- What is the diagnosis?
- What is the management?

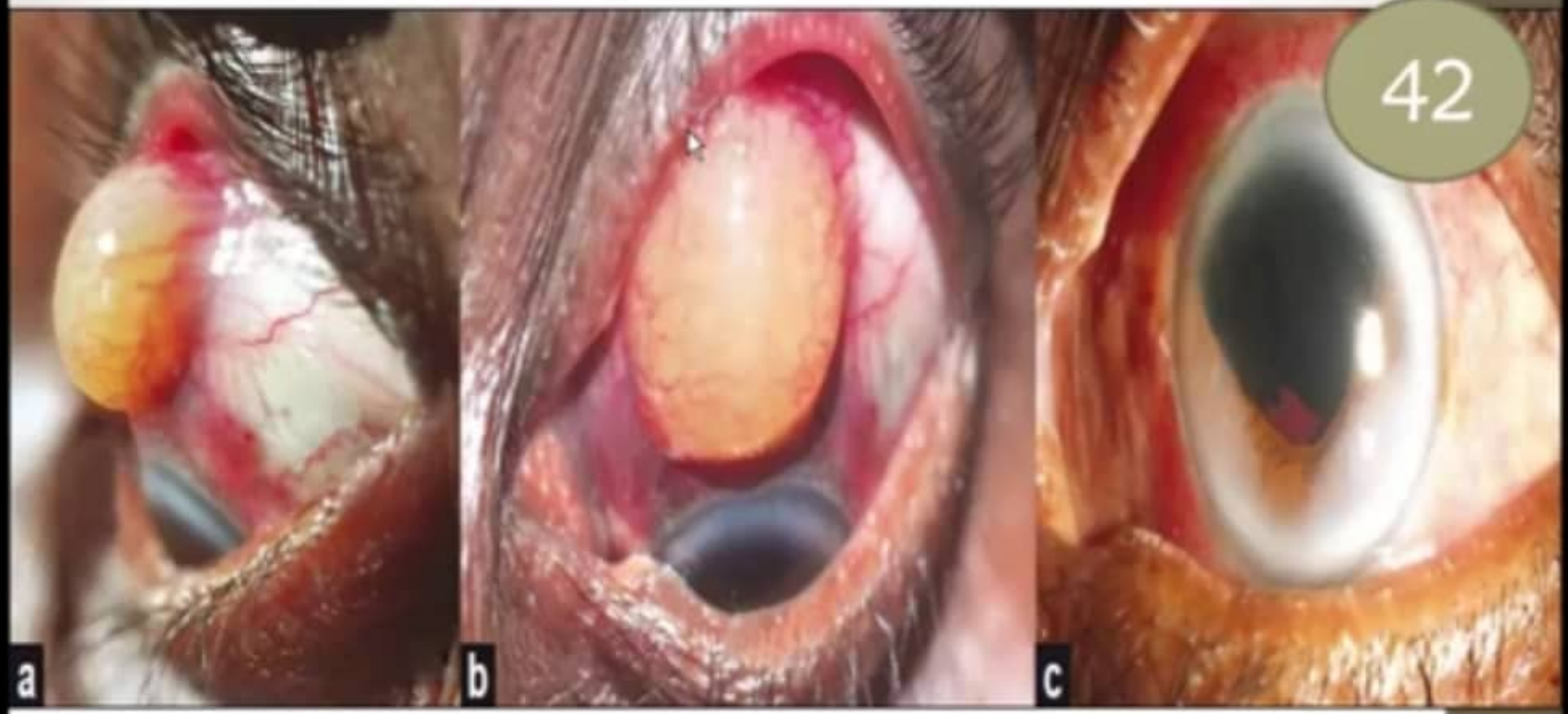
الممسوحة ضوئيا بـ CamScanner



41

- What is the diagnosis?
- What is the management?

الممسوحة ضوئيا بـ CamScanner

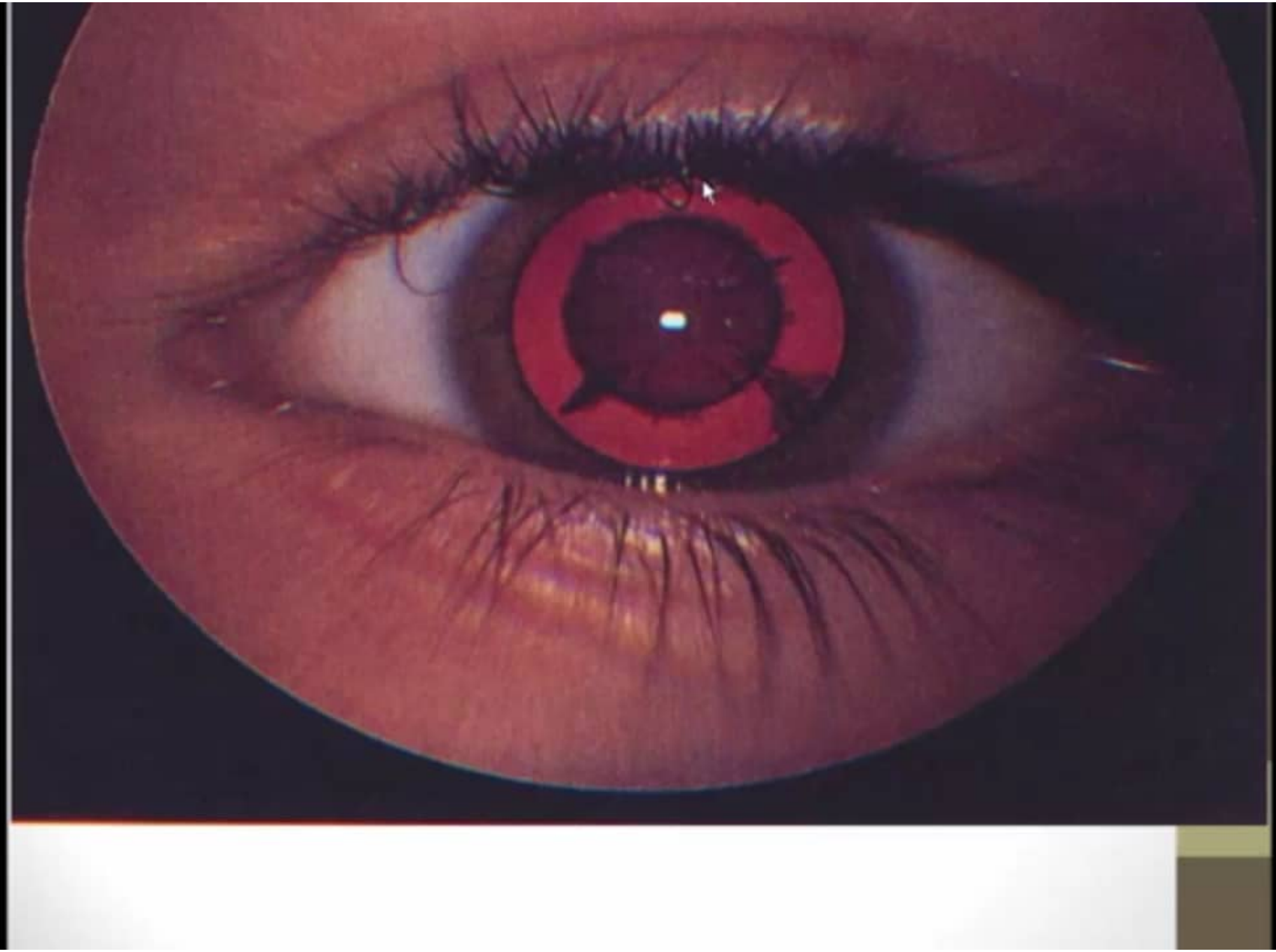


- What is the diagnosis?
- What is the management?

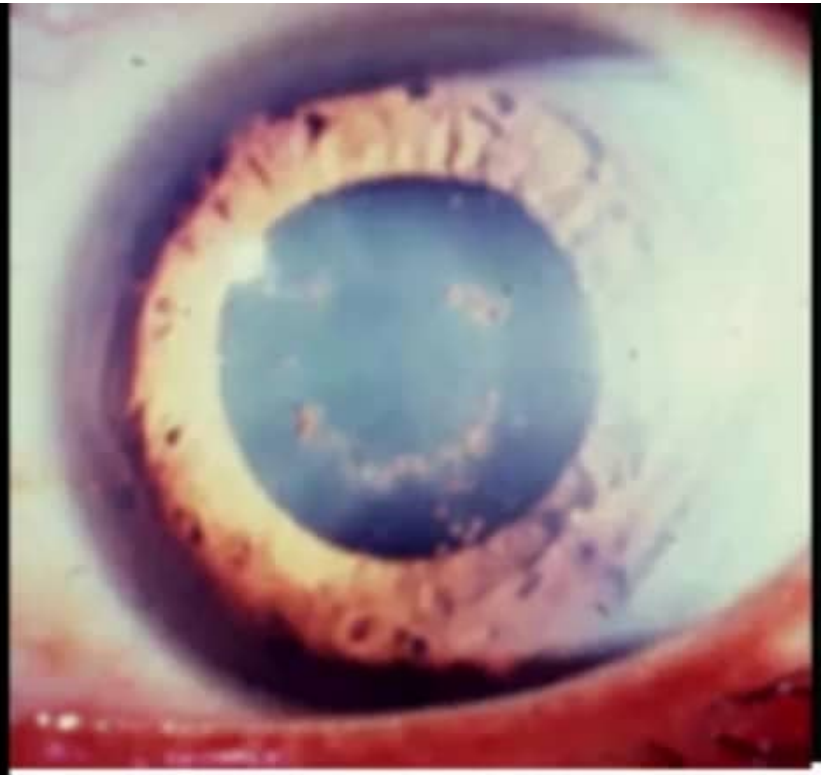
الممسوحة ضوئيا بـ CamScanner

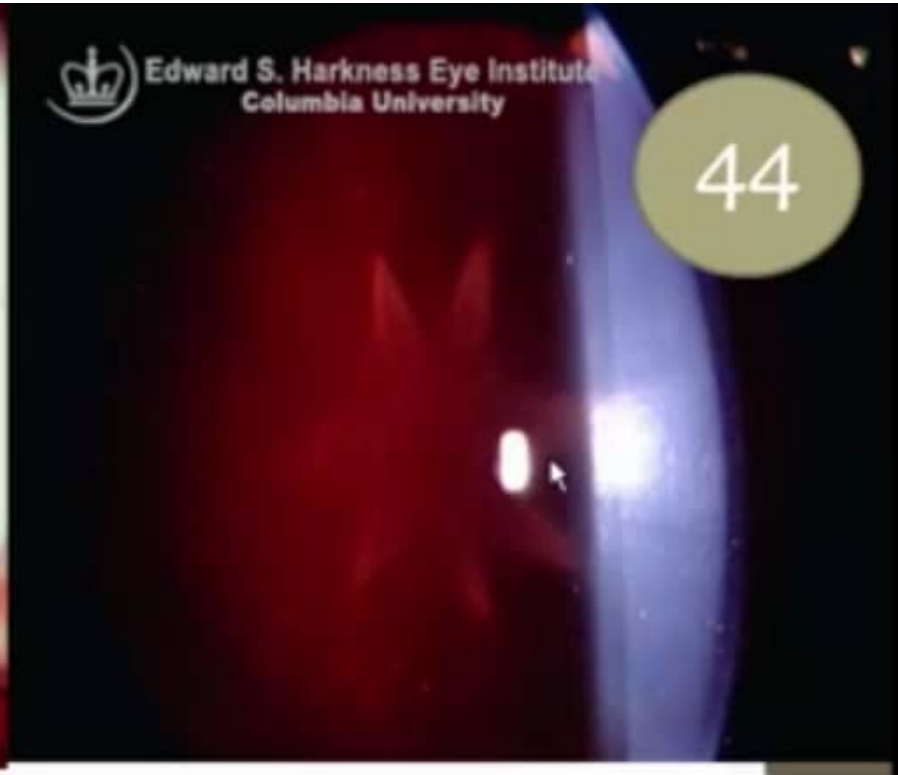
- What is your diagnosis?
- Mention the treatment?

الممسوحة ضوئيا بـ CamScanner



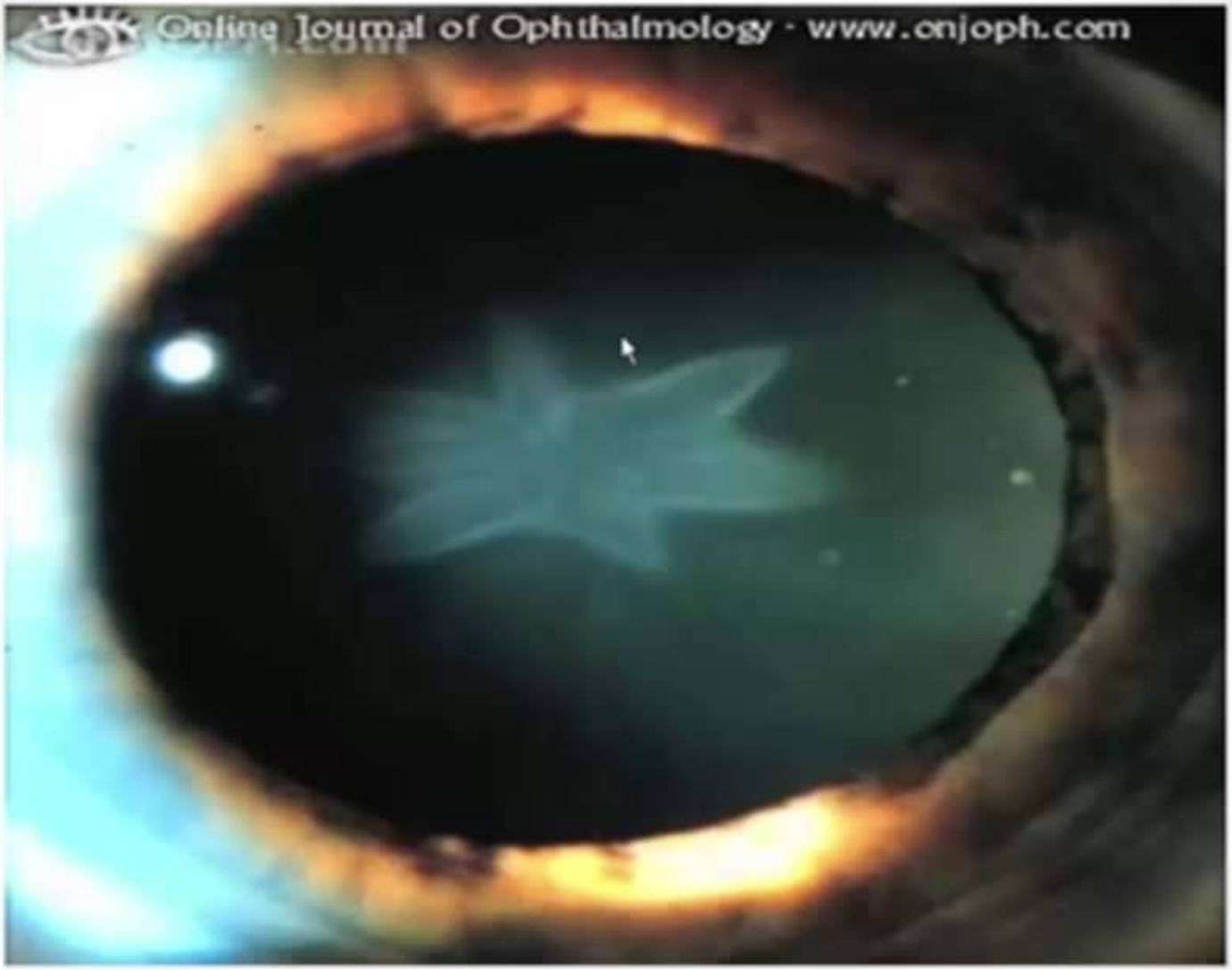
الممسوحة ضوئيا بـ CamScanner



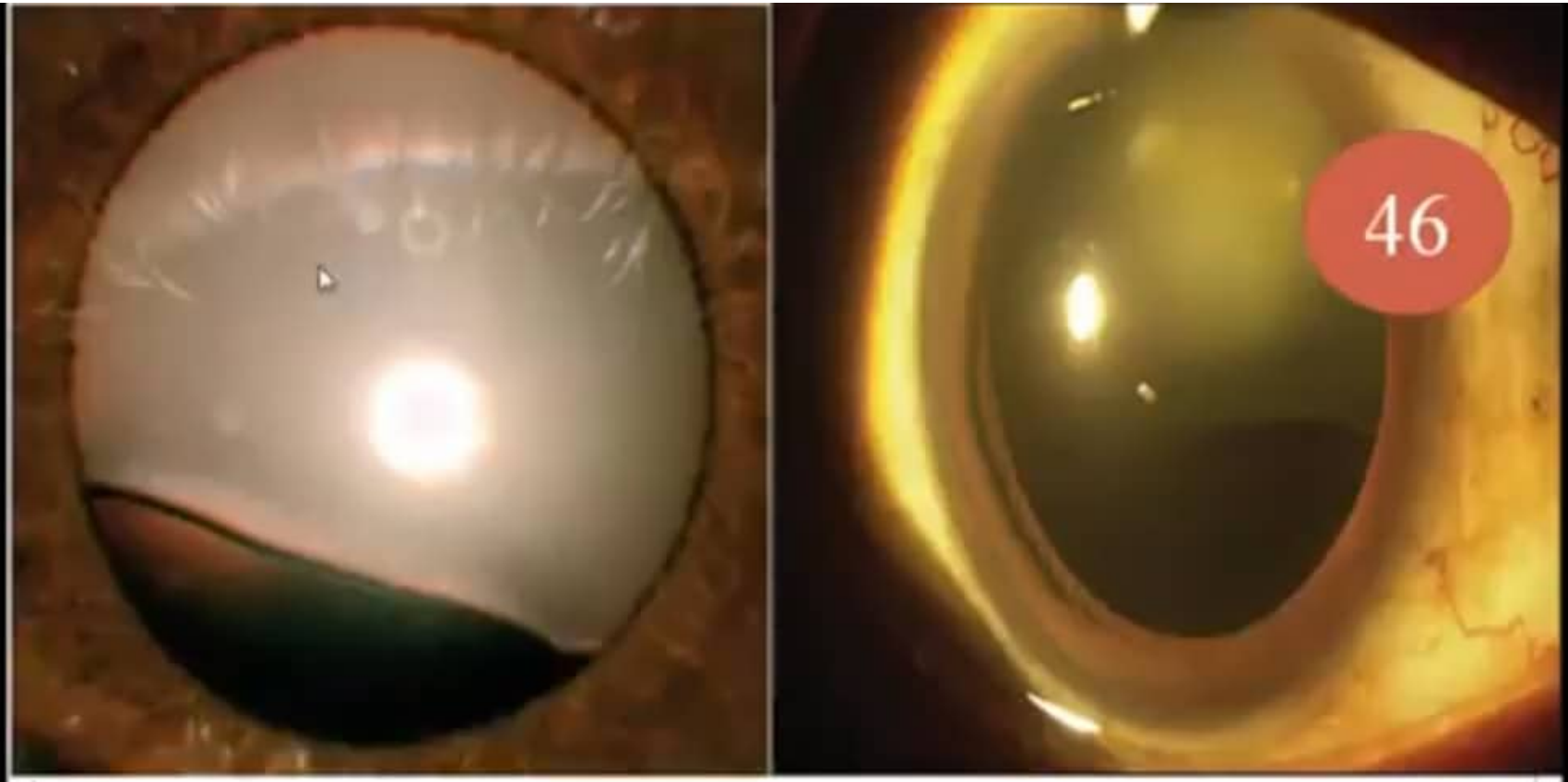


- What are the finding?
- What is the diagnosis?
- What is the management?

الممسوحة ضوئيا بـ CamScanner



الممسوحة ضوئيا بـ CamScanner

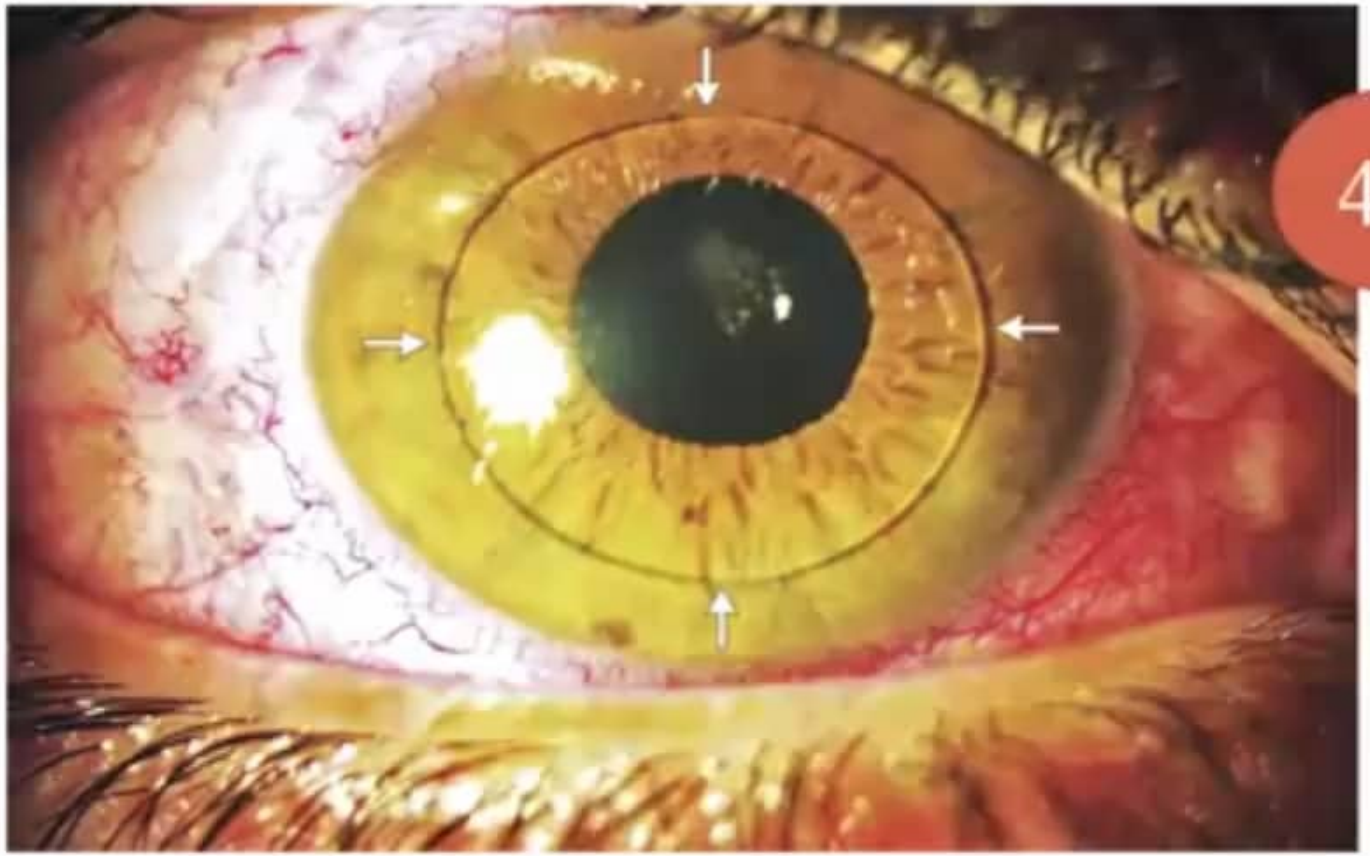


❖What could be the diagnosis?

الممسوحة ضوئيا بـ CamScanner

❖What are the drugs cause cataract?

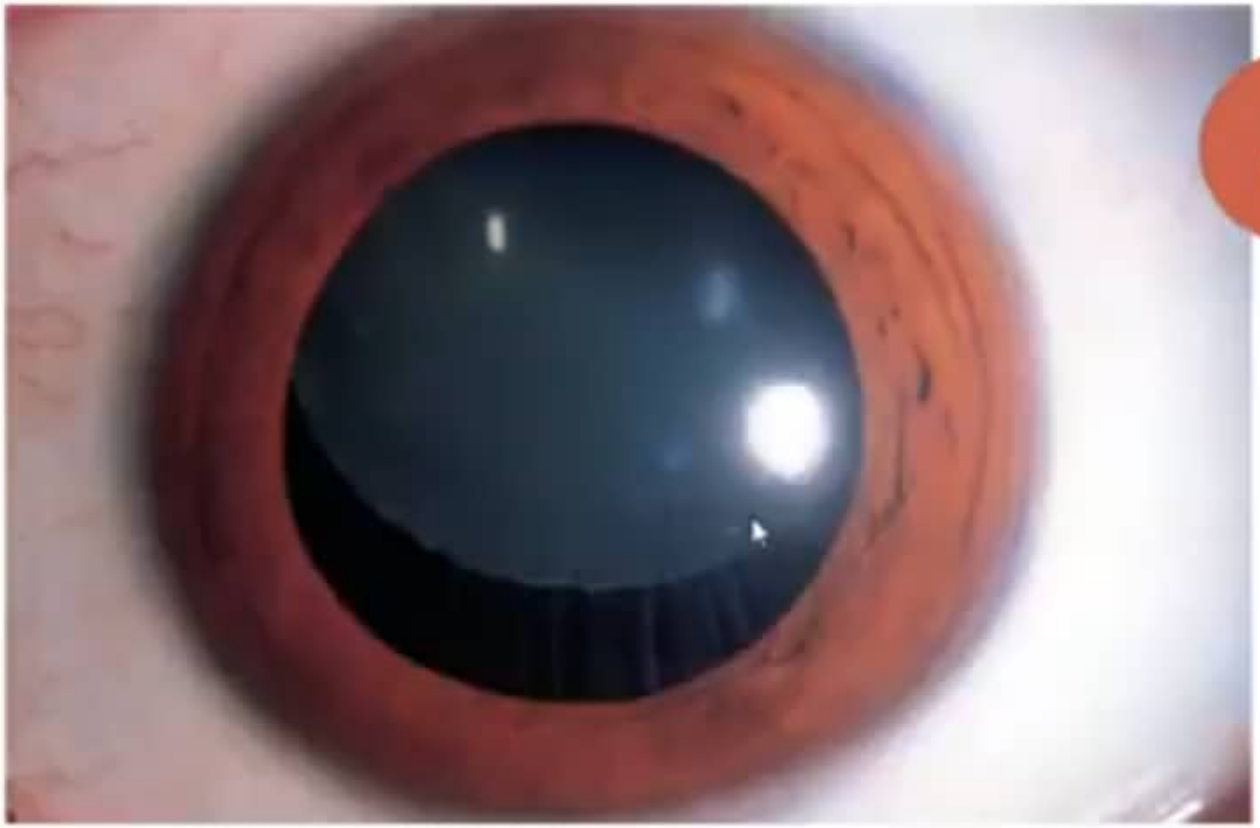
الممسوحة ضوئيا بـ CamScanner



48

- What could be the diagnosis?
- What is your management?

الممسوحة ضوئيا بـ CamScanner

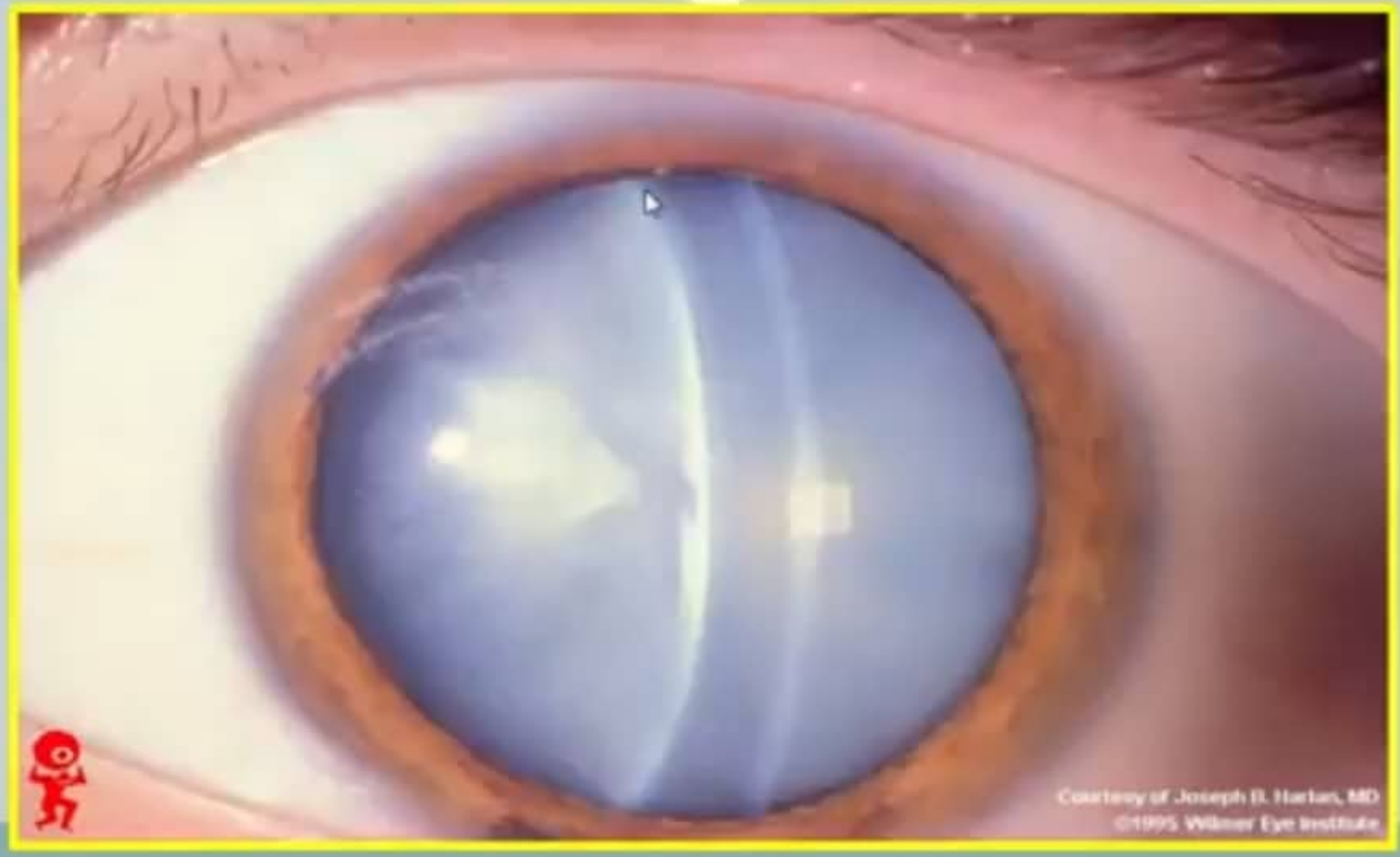


49

- What could be the diagnosis?
- What is your management?

الممسوحة ضوئيا بـ CamScanner

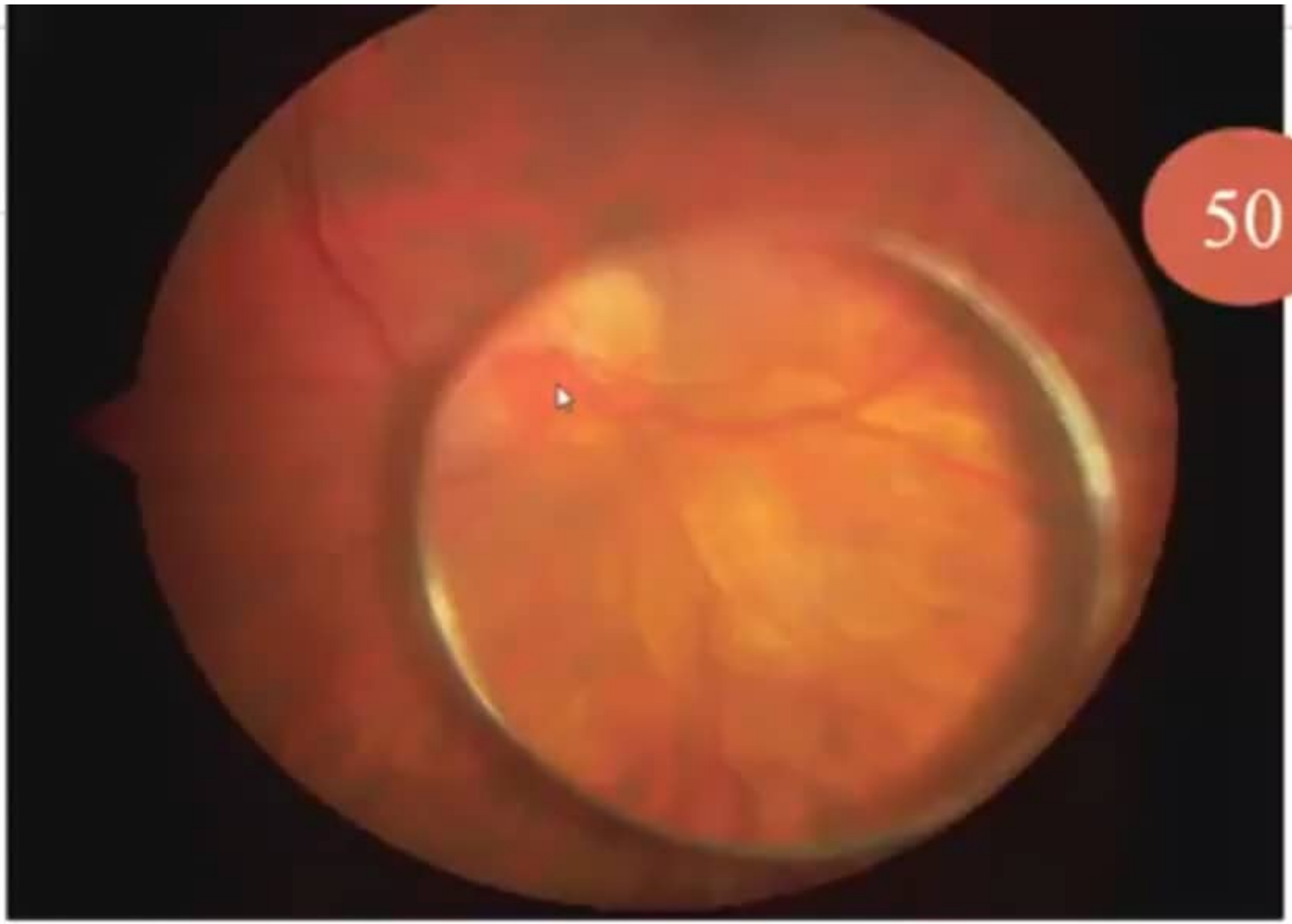
typical intumescent cataract



الممسوحة ضوئيا بـ CamScanner

Opaque & subluxated lens

الممسوحة ضوئيا بـ CamScanner



- What could be the diagnosis?
- What is your management?

الممسوحة ضوئيا بـ CamScanner

2

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CAN THE PRESENCE OF A CATARACT IMPROVE VISION
WHY?

الممسوحة ضوئيا بـ CamScanner

موضوع الدرس : Lens

اليوم : .....

التاريخ : / / ٢٠ م

الموافق : / / ١٤ هـ

(1) DM , Hypo-Parathyroidism , ~~Hypo~~ High myopia , trauma , glaucoma , Uvitis.

(2) ① Hereditary ② Traumatic

(3) Causes of posterior Sub Capsular Cartract (PSC) :-

① Retinitis pigmentosa ② DM ③ Steroid .... etc

(4) If fundus exam and red reflex present → immature Cataract

If fundus exam and red reflex abscent → mature Cataract

(5) By light reflex (miosis)

(6) ① phacolytic uveitis ② phacolytic glaucoma

③ Subluxation or dislocation of the lens.

(7) means Acute Secondary closed angle glaucoma Caused by intumescent Cataract.

(8) mean acute Secondary open angle glaucoma Caused by hypermature Cataract

D.T.H

الواجب : .....

الممسوحة ضوئيا بـ CamScanner

موضوع الدرس : .....

التاريخ : / / ٢٠ م

اليوم : .....

الموافق : / / ١٤ هـ

(9) • Catract
• phacoemulsification.

(10) • ① dialted pupile ② Catract
• ① phacoemulsification ② Intra Capsular Catract extraction (ICCE) ③ ECCE

(11) • Hypermature Catract (White Shrinking lens)

(12) • Hypermature Catract
• ① lens displacement ② phacoanaphylactic uveitis
③ phacolytic glaucoma.

(13) • Morgagnian Catract

(14) ① phacoemulsification ② ICCE ③ ECCE.

(15) phacoemulsification is Surgical Procedure dused to destracted and remove the Catract by using ultrasongic vibriation.

(16) • Intraocular lens (IOL) in anterior chamber
• to prevent pupillary block glaucoma.

الواجب : .....

الممسوحة ضوئيا بـ CamScanner

(17) • IOL in anterior chamber.

• ① Uveitis ② glaucoma ③ hyphemia ④ Cantral edema.

(18) • ① Red eye ② IOL in anterior chamber
③ Peripheral iridectomy ④ oval pupile
• ① Uveitis ② glaucoma ③ hyphemia — etc.

(19) • ① Intra-Capsular Catract extraction
② Extra-Capsular Catract extraction and phacoemulsification in rupture of posterior Capsule
③ phacic IOL surgery

★ Short note of Phacic IOL surgery :-

Decrease of vision (referctor error) عند وجود
فهنا دكتور بيصحح المريض باستخدام glases فإذا لم
يريد ذلك فيعمل Contact lens فإذا لم يريد ذلك
يعمل refrective surgery التي أحد أنواعها هي
Anterior chamber حيث نزرع له IOL في Phacic IOL surgery
ليس لأنه عنده Catract وإنما من أجل
تصلح له referactor error ، ال lens التي تستخدم
في Phacic IOL surgery هي Artisan lens حيث
تبعها حيث على iris .

الممسوحة ضوئيا بـ CamScanner

20. ① Corneal edema ② anterior Synikia
③ Iris Prolapse ④ Ophthalmitis

21. IOL displacement
. reposition of IOL

22. After Catract (POC)

23. laser had been used to open this PCO
(Posterior chamber opcification) is YAG laser.
. ① Argon laser ② Diode laser.

24. . endophthalmitis
. ① Admission ② Medical treatment (AB, Steroid)

25. . ① Red eye ② hypopoin ③ Corneal edema.
. the same answer of 24

26. After Catract (PCO)

27. . Intumescent ~~Cataract~~ phacomorphic ~~Catract~~ glucoma.
. ① Medical ttt (for ↓IOP) ② Remove Catract ③ IOL

الممسوحة ضوئيا بـ CamScanner

(28) . phagomorphic glaucoma
① Catract ② shallow anterior chamber ③ red eye
لاحظ/عرفنا الحالة
• ① medical ttt for ↓ IOP ② Remove Catract
③ IOL implantation

(29) . intumecant Catract
① Catract ② Shallow anterior chamber
لاحظ/عرفنا الحالة
• ① Catract extraction ② IOL implantation.

(30) the answer the same 28

(31) . Subluxation of the lens
• ① Trauma ② Marfan's syndrom ③ Buphthalmos
④ Hypermature Catract ⑤ high myopia).

(32) . ① uniocular diplopia
• ① irdodialysis ② Incipien Catract

(33) . Subluxation of the Lns
seen in Marfan's syndrom
• ① Congental Heart disease ② Congental brain Anyrsium.

الممسوحة ضوئيا بـ CamScanner

(34) Subluxation of the lens
- ① decrease of vision ② Uniocular diplopia.

(35) • IOL displacement
- ① hyphemia ② Corneal edema ③ glaucoma.

(36) ① hyphemia ② Corneal edema ③ glaucoma

(37) • IOL displacement
- Uniocular diplopia

(38) • Anterior dislocation (in anterior chamber)
- ① Corneal edema ② pupillary block glaucoma.

(39) • Posterior dislocation of the lens
- ① Vitrectomy ② IOL implantation in Anterior chamber
  Remove of the lens, Vitrous

(40) • posterior dislocation of the lens
- Vitrectomy ② IOL implantation in AC

(41) • IOL Posterior dislocation
- Vitrectomy ② IOL implantation in AC

D.T.H

الواجب : .....

الممسوحة ضوئيا بـ CamScanner

موضوع الدرس : ..... اليـوم : .....

التـاريـخ : / / ٢٠ م المـوافـق : / / ١٤ هـ

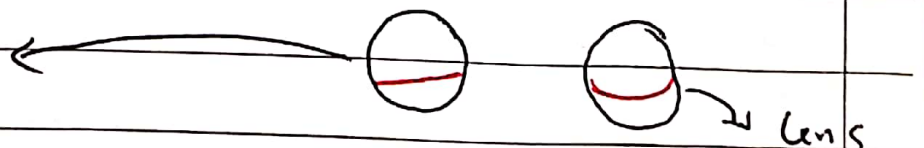
(42) • Sub Conjunctival dislocation (b/w Conjunctive, Sclera)
• Remove of the lens and IOL implantation in AC

(43) • nuclar Catract
• ① Catract extraction ② IOL implantation

(44) • ① Rosett Catract ② Vossius ring
↓
due to ~~inta~~ minute rupture of the posterior Capsule which facilliate entrance of aqueous into Posterior Cortex
ring of pigment from pupillary border of the iris due to Contusion
• blunt trauma
• ① Catract extraction ② IOL implantation.

(45) • ① blunt trauma ② Intra ocular forgen body.

(46) • lens clobomea



(47) ① Steroid ② Amiclarone ---

D.T.H

الممسوحة ضوئيا بـ CamScanner

(48) • Anterior dislocation of the lens
• remove the lens - implantation of IOL in AC

(49) • Subluxation of the lens
• Remove the lens - implantation of IOL in AC

(50) • Posterior dislocation of the lens
• remove the lens - implantation of IOL in AC

(51) • Yes, in precapsobic patient
لإنه بيكون عندهم قصر نظر بسيط ٠.٥ - ٠.٤ ولما يعدي عملية الكتاركت بيقربه
• Because ↑ refractor index → ↑ refractor power of the eye

الممسوحة ضوئيا بـ CamScanner